

**TOWNSEND THAI PROJECT
INITIAL HOUSEHOLD SURVEY, 1997**

Data Codebook

Principal Investigator

Robert M. Townsend

Co-investigators

Anna Paulson

Michael Binford

Tae Jeong Lee

Sombat Sakuntasathien

Issued May 2005

Copyright © The Townsend Group, 2005

All rights reserved

Social Sciences Computing Services

The University of Chicago
1155 E. 60th Street, Rm. 049
Chicago, IL 60637

BIBLIOGRAPHIC CITATION

Articles or working papers based on this data collection should acknowledge the source in footnotes or in the reference section of publications. The bibliographic citation for this data collection is:

Townsend, Robert M. et al.. TOWNSEND THAI PROJECT INITIAL HOUSEHOLD SURVEY, 1997 [Computer file]. 1st Release. Chicago, IL: Social Sciences Computing Services, the University of Chicago [producer & distributor], 2005.

Users of this data collection should notify The Townsend Group of the intended and actual use of the data. For questions concerning the documentation, please contact:

Robert M. Townsend
The University of Chicago
1155 East 60th Street, Room 374
Chicago, IL 60637
Email: rtownsen@uchicago.edu

The original collector of the data, the relevant funding agencies, and the data producer and distributor bear no responsibility for uses of this collection or for interpretations or inferences based upon such uses.

ACKNOWLEDGMENTS

The original data collection, coding, and data archiving were supported by grants to Townsend from the National Institute of Health (NICHD) and the National Science Foundation (NSF). Following are specific grants in funding the research:

- NICHD R01 HD27638 Risk, Insurance, and the Family
- NSF SBR-9515306 Credit, Insurance and Impediments to Trade: Theory and Measurement
- NSF SES-0318340 Evaluation of Financial Structure

Data archivist of the Social Sciences Computing Services at the University of Chicago, Jiaqiang Chen, compiled the content and provided overall guidance on preparing this documentation. We are much indebted to Sombat Sakuntasathien for collaboration and for making the data acquisition possible. Special thanks go to Myat Su Mon, Pumsaran Tongliemnak, and Yuttachai Pathomcharoensukchai for assistance in cleaning the datasets and questionnaires. We also thank Lenka Reznicek and Michael Kuby for providing helpful information on the technical details of the project.

TABLE OF CONTENTS

Initial Household Survey, 1997

Overview

Townsend Project Overview	1-1
Initial Cross Section Overview	1-3
Theory / Models	1-5
Research Design / Methodology	1-6
Questionnaire Summary	1-9

How to Use the Data Dictionary	2-1
---------------------------------------	-----

Variable Index	3-1
-----------------------	-----

Data Dictionary

Section I: Household ID	1
Section II: Risk Response	6
Section III: Village Ranking & Opinion	32
Section IV: Household Composition	48
Section V: Occupation	57
Section VI: Occupation History	67
Section VII: Children Living Outside the House	79
Section VIII: Residential Patterns	92
Section IX: Parent's Characteristics	109
Section X: Inheritance	138
Section XI: Household Assets	145
Section XII: Agriculture Assets	154
Section XIII: Household Business	179
Section XIV: Housing and Landholding	279
Section XV: Expenditure	317
Section XVI: Income	324
Section XVII: Borrowing	336
Section XVIII: Lending	349
Section XIX: Saving	361
Section XX: General Questions	369
Section XXI: Hypothetical Situation	377
Section XXII: Institution and Organization	390

Appendices

Appendix A: Survey Questionnaire	A-1
Appendix B: Project Papers & Publications (initial)	B-1
Appendix C: Research Member of Townsend Group	C-1

Townsend Project Overview

(Source: <http://cier.uchicago.edu>)

The project is carried out in Thailand under the direction of Khun Sombat Sakuntasathien and dedicated staff. The project is administered in the United States at the National Opinion Research Center and the University of Chicago. Survey design and research collaborators include Anna Paulson of Northwestern University, Tae Joeng Lee of Yonsei University, and Michael Binford of the University of Florida. Robert M. Townsend is overall project director and principal investigator.

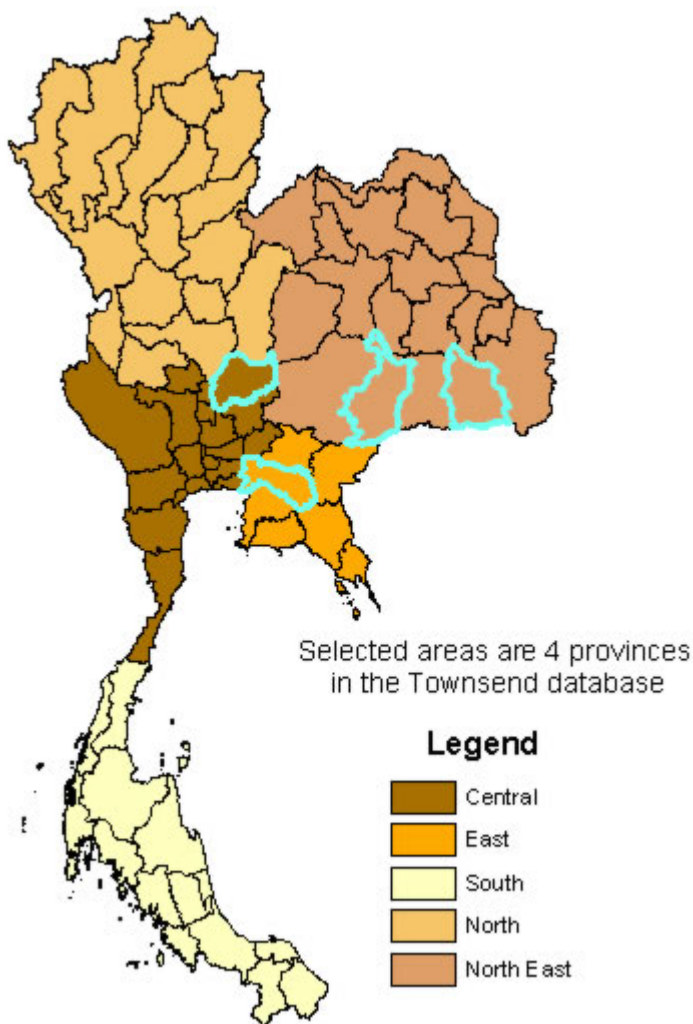
The initial purpose of the NICHD-NSF funded project was to evaluate the role of informal institutions such as the family and local networks in helping to support the welfare and well-being of individuals in semi-urban and rural areas of Thailand. Risk, and the potentially adverse and direct consequences of household- and firm-specific shocks is a key part of project. The mediating role of the family and social and economic networks in the mobilization of savings and allocation of credit was also deemed essential. These networks are not viewed in isolation but rather are part of the larger village, regional, and national level financial system. Thus the project includes an evaluation of village-level financial institutions, such as Production Credit Groups and rice banks, and national-level financial institutions such as commercial banks and the government agricultural bank, the Bank for Agriculture and Agricultural Cooperatives (BAAC).

Indeed, the project has both micro and macro aspects. It seeks to evaluate informal and formal financial institutions and markets and to construct and evaluate macro models of growth, fluctuations, and crisis. The macro models are based on the measured micro-underpinnings.

A relatively large initial, cross sectional survey, carried out in May 1997, was designed with a two-fold purpose:

- to obtain reliable information on the existence and use of informal and formal mechanisms and institutions, in order to assess them, and
- to acquire retrospective information to help assess, and then model, the impact of high growth with increasing inequality and uneven financial deepening.

A more detailed overview of this Initial Survey is provided on Townsend Thai Project website at <http://cier.uchicago.edu>. Briefly, aware of heavy regional disparities, this initial survey was fielded in two distinct regions of the country: the industrialized and fertile central regional and the semi-arid and relatively poor northeast. The survey included separate instruments for the households, village headmen as key informants, local financial institutions, and joint-liability BAAC groups. Approximately 23% of the interviewed households were also running some kind of business. There are also direct measurements of the local village environment. Soil samples were also



taken, administered with a separate soil questionnaire and plot photos. Finally there are overhead air photos of each of the survey villages, going back three decades.

The devaluation of the Thai baht in July 1997 and the unexpected onset of the Asia crisis led to the realization that with the initial May benchmark survey, the project was positioned

- to track the impact of the crisis on households and businesses, and to understand the micro-underpinnings of the movement in the macro variables.

This led to the Annual Resurveys, also described in detail in this site. Briefly, in May 1998, one-third of the original sample of villages was resurveyed with financial support from the Ford Foundation. Additional NICHD and NSF Funding have continued these ongoing resurveys. Along with the initial survey, these constitute at present a five-year household and business panel: 1997, 1998, 1999, 2000, 2001. In addition to the household instruments, there were continued resurveys of headmen and village institutions, and in 2000, the BAAC groups.

In addition, and in accordance with the initial project design, an intensive Monthly Survey was initiated in August 1998 in a subset of villages from the original sampling frame.

The selection controlled for the environment and deliberately sought variation in informal networks, local village institutions, and use of national level institutions. The goal was

- to provide a micro-level evaluation of family networks, markets and institutions.

Further details of this Monthly Survey are provided from Townsend Thai Project web site (<http://cier.uchicago.edu>). Briefly, this household survey included an initial census, a baseline interview on initial conditions of sampled households, forms which gather information on the use of contracts and informal institutions, and monthly interviews to track changing conditions. Environmental data are gathered courtesy of grants from the Melon foundation and the University of Chicago. This includes soil analysis, plot photos, daily rainfall, soil moisture, water chemistry, and other bi-weekly water measurements. This ongoing data collection effort includes at present 36 months.

Initial Cross Section Overview

(Source: <http://cier.uchicago.edu>)

The Townsend Thai project began in 1997 with a relatively large cross sectional survey. It was fielded in May, prior to the economic/financial crisis which began with the devaluation of the Thai baht in July. The purpose was

- to obtain reliable information on the existence and use of informal and formal mechanisms and institutions, and
- to acquire retrospective information to help assess the impact of high growth with increasing inequality and uneven financial deepening.

The survey included separate instruments for the households, village headmen as key informant, local financial institutions, and joint-liability BAAC groups. Approximately 23% of the interviewed households were also running some kind of business. There are also direct, environmental measurements of the local village environment. Soil samples were taken, administered with a separate soil questionnaire and plot photos. Finally there are overhead air photos of each of the survey villages, going back three decades.

SAMPLE DESIGN

Two separate regions were deliberately picked, the more highly developed region Central Region near to Bangkok and the poorer semi-arid Northeast. Four provinces



(changwats) were chosen in total, two in the Central region -- Lop Buri and Chachoengsao -- and two in the Northeast-- Sisaket and Buriram. These particular provinces were chosen as each one contained one county (amphue) that had been sampled every year of the Thai SES, available from this Thai data archive, thus providing us with benchmark or comparative information. The two regions, the Central and Northeast regions, can also be ordered from relatively wealthy to relatively poor not only by wealth and income but also by soil moisture, soil chemistry, and other environmental characteristics.



Within each of the four provinces, 12 tambons were selected at random using stratification based on a Correspondence Analysis of satellite imagery; the latter are part of the Geographic Information System. See Binford, Lee and Townsend

in Papers and Publications for details of the stratification and sampling. Within each tambon, four villages were selected entirely at random. Thus there are in total 192 villages in 48 tambons of the four changwats.

Details on sample selection and administration of the survey for each of the various instruments are contained in Townsend Thai Project web site (<http://cier.uchicago.edu>). Briefly there are interviews with 2880 households, 262 BAAC groups, 161 village financial institutions, and 192 key informants. There are also soil samples from 1920 individual plots with an accompanying questionnaire. For each plot there are five photos. We also have air photos of each surveyed village from 50's, 70's, and 90's.

For household survey, the headman in each village held a copy of the official Community Development Dept enumeration of households in the village. From this list 15 households were selected at random. Occasionally a household was found to have moved entirely or disbanded, for example, due to death of head. Interviews were voluntary and could be ended at any time, but after an explanation of the purpose of the survey few households refused to participate. Still, don't know or refused to answer is a valid code (see the code book for details). All household replacements were selected at random from the same initial village list. All together, 2880 households were interviewed in this initial cross sectional survey.

COLLECTION AND PROCESSING NOTES

Instruments were designed by Townsend, Paulson, and Lee in Chicago with the testing of theory very much in mind. Summaries of theoretical articles were prepared with a list of variable suggested by the theory appended at the end. Questionnaires from other surveys were also utilized, e.g., ICRISAT and RAND. Preliminary versions of the instruments were translated into Thai and then extensively pretested in the field. Questions that were difficult to answer or that used excessive time were dropped. Not infrequently five to six versions were necessary before convergence.

Enumerators were hired from Ratchapak, Chulalong Korn, Thammasat Universities and other Universities in Thailand. Formal training sessions were held. Residual unclear questions or ambiguous instructions led to final revisions of the instruments as well as to manuals and codebooks.

Data were collected by 12 teams, 14 persons per team. The bulk of the team consisted of 11 enumerators who did the interviews for the various instruments, household, BAAC key, village institutions. The completed questionnaires were read over by both a field editor and team supervisor. Errors or missing information triggered re-interviews. Open ended Thai language responses were translated to English, and all responses were double blind entered in Bangkok on an ISSA-LAN system designed by a consultant for RAND.

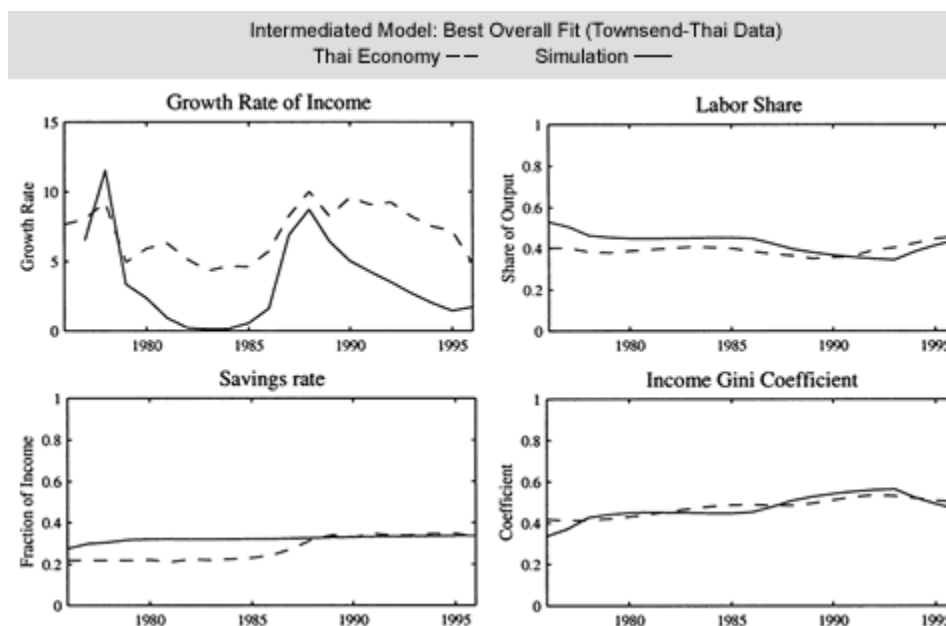
Each team also contained a soil person who dug the soil sample, took the plot photos, and completed the soil interview, occasionally with the help of other enumerators. The soil samples were shipped to Bangkok for analysis.

Theory / Models

(Source: <http://cier.uchicago.edu>)

We emphasize the micro/macro theoretical economic models and their links to the Townsend Thai data and other data of this archive. For example, a model of wealth constrained occupation choice can be estimated with the SES and Townsend-Thai data and then simulated and compared to aggregated Thai data.

These and various other models have been described in various grant proposals with Robert Townsend as principal investigator. The project is funded primarily by grants from the National Institute of Health (NICHHD) and the National Science Foundation (NSF). Edited and revised excerpts of both the NICHHD and NSF grants are included in Townsend Thai Project web site (<http://cier.uchicago.edu>). They include a discussion of:



Please go to Townsend Thai Project web site (<http://cier.uchicago.edu>) for excerpts of the theoretical models and more details.

The questionnaires of the Townsend Thai data were composed by Townsend, Paulson, and Lee after careful consideration of the key variables of various theoretical articles and consideration of several widely used or special-purpose datasets. This effort has been summarized by an example spread-sheet linking key variables to the various articles and their location in these surveys (see <http://cier.uchicago.edu>). Summaries of some of the key articles are included as representative examples. Variables are listed by topic.

Various working papers and publications that contribute to theory and empirical work are part of the overall Thai project and have used data available from this Thai data archive.

Research Design / Methodology

[Excerpts from Michael W. Binford, Tae Jeong Lee and Robert Townsend: 2004. "Sampling design for an integrated socioeconomic and ecological survey by using satellite remote sensing and ordination", PNAS, vol. 101, no. 31, pp 11517-11522.]

We describe in this paper the method for determining the sampling design we used to capture the individual and mutual variability of the economic and ecological systems. Testing models requires empirical sampling that generates data that are representative in both economic and ecological domains.

Satellite remote sensing and analysis are relatively inexpensive while much time and expense is put into large socioeconomic surveys. Surveys typically have sample sizes that are a relatively small fraction of the sampling universe; hence purely random selection may miss important variation. The economic models suggest testable hypotheses on growth of aggregate income, inequality in the distribution of income, and uneven access to financial services of various types, and determine what data would be necessary for such tests. This leads in turn to the design of socioeconomic instruments and environmental measurements for the field study, focusing primarily on households and small businesses in rural or semi-urban communities.

An efficient sampling design should capture interesting variations among villages to be surveyed in a least-expensive way. Our sampling protocol is based on analysis of Landsat TM imagery of Thailand, which defines one domain of environmental variation. The goal was to select subcounties, or tambons, as the sampling unit for the usual logistical advantage of a clustered survey. (A tambon is a political division smaller than a county that consists of 4-12 villages). A single Landsat scene consists of {approx.} 6,000 x 6,000 30-m square "pixels," each of which reflects energy from multiple bands of the electromagnetic spectrum. By using pattern recognition methods, each pixel is classified as belonging to one of 25 spectral classes interpreted as land-cover classes. The frequency distribution of the spectral classes in each subcounty is extracted. DCA is applied to estimate a few latent factors that drive most of the observed variations in land-cover classes within subcounties. Based on these "site scores," this study identifies patterns of clusters of subcounties in three of four provinces, motivating stratified samples in those provinces. Prior knowledge indicates that the stratification is determined by whether subcounties are forested or nonforested.

We first arranged and selected regions and provinces along a continuum of economic conditions, which were perceived a priori to be related to environmental conditions but without any verification. Within-province spatial environmental variation was then determined by using satellite remote sensing data collected by the Landsat Thematic Mapper (TM), and an ecological method called Detrended Correspondence Analysis (DCA). That is, frequency distribution of land covers, as defined by TM data analysis, varies spatially among individual administrative units, and the units were then sampled to capture environmental variation.

The fundamental question for the sampling protocol here is to determine, based on prior information, whether there are any areas that are distinct from other areas. If there are distinct environmental zones within a sampling area, then some if not all of the zones should be sampled to assure a representative sample of each. Samples stratified by zones and then chosen randomly within zones are a feasible option. If, on the other hand, there are no evidently distinct environmental zones, then a totally random sample is the simplest to administer and the most likely to achieve representative variability. Prior information on both environment and economic variables is necessary to determine the need for stratification.

Study Area: Selection of Regions

Thailand is divided geographically into 5 regions: North, South, Central Valley, Northeast, and the Bangkok Metropolitan Area. It is divided administratively into 73 changwats (state or province). Each changwat is divided into amphoes (counties). Amphoes are divided into tambons (sub county) and each tambon has several moobane (villages). We mention these administrative divisions because economic data are available for them, and we use them as the framework for sampling villages and households. The tambon, generally consisting of 10-12 villages, was selected as the clustered sampling unit because it is the smallest administrative unit containing multiple villages to have comprehensive economic data available from the Community Development Department (CDD). The final selection of sampling units, constrained by logistic limitations, allows four villages to be chosen at random from each selected tambon, and twelve tambons to be selected in each of four changwats. Environmental variation might be thought a priori to be an important component of socioeconomic outcomes.

Tambon boundaries were identified on existing commercial tourist maps (1:50,000 scale) and digitized onto vector geographic information system (GIS) files using MapInfo Professional 6.0. We identified the land-cover of each tambon separately by overlaying the vector polygons onto the land-cover classification, and then extracted the number of pixels in each class within each tambon.

Sampling Design within Selected Provinces

Landsat TM scenes were acquired from the data archives of the U.S. Geological Survey's EROS Data Center. Scenes were chosen to be as cloud-free as possible, to cover as much of the spatial extent of the four changwats as possible, and to represent a time-series of land-cover change over at least 10 years (1979–1990). Eight scenes along Landsat Worldwide Reference System 2 (WRS-2) paths 127 to 129, rows 49 to 51, cover the four changwats. We used TM scenes from 25 November 1990 for Sisaket (WRS 2 path 127, rows 49 and 50) and 20 January 1989 for Lopburi (WRS 2 path 129, rows 49 and 50) to conduct the land-cover analysis for sampling design. These pairs of scenes were the most recent and cloud-free over the study areas of the entire data archive. Similar analyses for Chachoengsao and Buriram would require using scenes from two different paths, with data acquired on different days. None of the combinations of the available data allowed us to conduct adequate image normalization and mosaicing techniques, due to different phenological periods (dates of different vegetation development levels), levels of cloud cover, and other problems with atmospheric conditions.

All the analyses were conducted with the software program ERDAS Imagine (versions 7.4, 8.3 and 8.4), one of the standard remote sensing programs (<http://www.erdas.com>). We used the unsupervised land-cover classification algorithm ISODATA (Ball and Hall 1965) for each of the two changwats. ISODATA is a self-organizing pattern-recognition method that iteratively groups imagery pixels by their similarities in multidimensional space defined by reflectance values in each of the multiple bands (the TM instrument records data in 6 reflectance bands and one thermal band). The result for each of the changwats is a clustering into land-cover classes that are, within a class, quantitatively similar to one another in terms of the 6-variable (band) reflectance spectrum, and are different from members of other classes. After experimentation to determine the optimum number of classes into which to classify the land cover, we settled on 25 spectral classes as most representative of the spatial variability. This is a somewhat arbitrary number of classes. Specifying more than 30 land-cover classes in the ISODATA function resulted in many of the classes containing a very small number of cells, and fewer than 20 classes resulted in classes with large variances that overlapped other classes in most of the bands.

Final Sample and Data Collection

We stratified by forest vs. non-forested tambons in the three changwats with significant forest areas (Lopburi has no significant forested areas) and then sampled randomly within the strata so that two forested tambons and 10 non-forested tambons were selected in each province. In each of the four changwats, one of 12 teams of enumerators went into the four randomly chosen villages of one of the 12 selected tambons, interviewed 15 households per village, each village's headman, and officials of financial institutions and other organizations. The households were chosen randomly from a complete census of households maintained by the CDD and held by the village head. Participation of households was voluntary but few refused, and replacements were necessary only in cases where the entire family had moved away or disbanded, e.g., due to the death of the head. Questionnaires had previously been developed, pretested, and revised numerous times, so few opaque or awkward questions remained (full text of the questionnaires are available at: www.src.uchicago.edu/users/robt/projects/thailand/questionnaires). Answers were recorded in the field on paper copies of the questionnaire and read in the field by a team leader and a field supervisor. Reinterviews and spot checks were made while the team was still in the tambon, and the data were later double-blind entered into the database system in Bangkok.

DCA is a technique often used by ecologists to identify latent factors that drive observed variation in the composition of species across different sites. By applying DCA to the observed tambon level distribution of land-cover classes, we estimated the latent factors associated with each tambon, called site scores. Here, tambon is the unit for sites, each of the 25 land-cover classes is seen as a species, and the number of pixels belonging to a particular land-cover class in a given tambon is treated as the observed population of a species in that tambon. The DCA algorithm constructs an iterative weighted average, starting with arbitrary initial site scores, where weights are the land-cover composition data. If the distribution of land-cover composition data are unimodal, the iteration is guaranteed to converge to a unique set of values and assign site scores for each tambon. By making use of an orthogonality condition, repeated use of the same algorithm can generate as many latent factors (site scores) as we want. Because we want to know the within-province variation in the environment to determine the selection of subcounties for each province, we applied DCA to each

province separately. (Note that an identified land-cover class in one province from one image is not comparable to the land-cover class in the other province.) The software used was CANOCO 3.1 and CANOCO for Windows, Version 4.0.

Results of DCA Analysis, Sampling, and the Survey

Taking several precautions is necessary when designing the sampling strategy based on the DCA results. First, it is difficult to know what the latent variables (DCA site scores) represent without ground-survey information. Second, a stratified sample requires reweighting if the analysis is to be taken as representative of the larger universe. Third, a purely random selection is most likely to deliver a database that allows for multiple uses, some of which are not envisioned in advance. With these drawbacks in mind, we limit ourselves to a conservative strategy, i.e., purely random selection with stratification based only on salient DCA factor scores with a known interpretation.

Initial Cross Section Household Questionnaire Summary

(Source: <http://cier.uchicago.edu>)

I. Household Identification

A. Specifics (Questions including name of household head, name of respondent, relationship of respondent to head, gender of respondent, how long head has lived in village, current marital status of head, how long head's spouse has lived in village, most convenient phone number to reach respondent, and who owns phone number)

II. Risk Response (Questions including which year out of past five was the best for household income, why, whether it was a good year for many households in the village, which year out of past five was the worst for household income, why, whether it was a bad year for many households in the village, how household got by during the year [sell/eat rice in storage, spend less on household items, spend less on inputs, sell jewelry, sell land, work harder than in a normal year, do additional occupation, use savings, get help from gov't, help from relatives in village, get monetary help from relatives in village, get help from relatives outside of village, get monetary help from relatives outside of village, help from non-relatives in village, get monetary help from non-relatives in village, help from non-relatives outside of village, get monetary help from non-relatives outside of village, get help from temple, borrow from BAAC group members, borrow from BAAC, borrow from supplier of inputs in village, borrow from supplier of inputs outside village, borrow from moneylender in village, borrow from moneylender outside village, borrow from village store owner, borrow from village Rice Bank, borrow from PCG, borrow from Housewife's Group, borrow from Village Fund, borrow from Marketing Demonstration Center, borrow from Agricultural Cooperative, borrow from Commercial Bank, migrate for less than 6 months of work, migrate for 6 or more months of work, sell livestock or equipment, or other], whether this gift has to be repaid, and ranking of responses)

A. Sell Livestock or Equipment (Questions including what was sold [pigs, cow, buffalo, poultry, or other], whether household sold more, less, or the same as a normal year, and whether the household sold at the same time, earlier, or later than a normal year)

B. Migration (Questions including in a year where income is normal do any household members migrate to work for a period of less than 6 months and in a year where income is normal do any household members migrate to work for a period of 6 or more months)

III. Village Ranking and Opinions (Questions including ranking of four villages in terms of best and worst for activities [availability & quality of institutions, cooperation among villagers, natural resources, village leadership, or standard of living], why respondent thinks villages are different, and respondent's comments on each of the villages)

IV. Household Composition (Questions including total number of household members, name of each household member, each member's relation to head of household, each member's gender, each member's age, whether member is in school, each member's educational background, what system of grades was in place when member went to school, whether each member has received any adult education, and whether each member has received any additional training)

V. Occupation (Questions including each member's primary occupation over past 12 months, what type of worker member is, wage for job, how long member has been doing job, each member's secondary occupation, what type of worker member is, and village positions held by member)

VI. Occupational History (Questions including whether each member has had any other primary occupations besides what s/he is presently doing, previous primary occupation, for how long, what was each member's occupation before that, for how long, the job before that, for how long, whether each member seriously considered changing job, to what job, why each member was unable to change jobs, and why each member could not borrow necessary funds to change jobs)

VII. Children Living Outside the Household (Questions including how many children live outside household, each child's name, each child's age, each child's gender, each child's educational background, each child's primary occupation, type of worker child is, where each child lives, how many times each child sent household money over the past 12 months, how much was sent in total, how many times household sent each child money over the past 12 months, and how much was sent in total)

VIII. Residential Patterns

A. Head's Relatives (Questions including whether head's relative is living, how many relatives head has, how many live in head's household, how many live in head's village, and how many live in head's tambon [father, mother, sons, daughters, older brothers, younger brothers, older sisters, or younger sisters])

B. Spouse's Relatives (Questions including whether spouse's relative is living, how many relatives spouse has, how many live in household, how many live in village, and how many live in tambon [father, mother, older brothers, younger brothers, older sisters, or younger sisters])

C. Head's or Spouse's Parents out of the Tambon (Questions including whether head or spouse has parents who are alive & live outside of the tambon, whether anyone in household has shared rice with head's or spouse's parents in past 12 months, whether head's or spouse's parents shared rice with household, whether anyone in household helped head's or spouse's parents with free labor, whether head's or spouse's parents helped household with free labor, whether anyone in household has helped head's or spouse's parents with money, and whether head's or spouse's parents helped household with money)

D. Head and Spouse's Relatives in the Village and Tambon (Questions including whether head or spouse has any relatives who live in village or tambon but not in household, whether anyone in household has shared rice with relatives who live in village or tambon in past 12 months, whether relatives shared rice with household, whether anyone in household did labor exchange with relatives, whether household has let relatives use farm equipment owned by household for free, whether relatives allowed household to use farm equipment owned by relatives for free, whether anyone in household has helped relatives with money, and whether relatives helped household with money)

E. Non-Relatives Inside the Village and Tambon (Questions including whether anyone in household has shared rice with non-relatives who live in village or tambon in past 12 months, whether non-relatives shared rice with household, whether household helped non-relatives with free labor, whether non-relatives helped household with free labor, whether household has let non-relatives use farm equipment owned by household for free, whether non-relatives allowed household to use farm equipment owned by non-relatives for free, whether anyone in household has helped non-relatives with money, and whether non-relatives helped household with money)

IX. Parent's Characteristics (Questions including parents' primary occupation, parents' educational background, parents' positions in village, how much land was owned by parents, how land was acquired, how household compares to others in village in terms of wealth, how head's parents compare to others in village in terms of wealth, and how spouse's parents compare to others in village in terms of wealth)

X. Inheritance (Questions including whether head or spouse has inherited anything from parents, what was inherited, how many rai were inherited, value of livestock at the time it was inherited, value of house at the time it was inherited, how much debt was inherited, value of land at time it was inherited, and when item was inherited)

XI. Household Assets (Questions including whether anyone in household owns asset, how many, how much asset cost, how household got the money to buy asset, largest source of money, how much came from this source, and how long household has owned asset [assets: TV - color, VCR, air conditioner, telephone, cellular telephone, refrigerator, motorcycle, car, pick-up truck, long tail boat with motor, large fishing boat, washing machine, gas stove, bicycle, stereo, or other])

XII. Agricultural Assets (Questions including whether household is involved in any agricultural activities, types of activities, whether anyone in household owns asset, how many, how much asset cost, how household got money to acquire asset, largest source of money, how much came from this source, how long household has owned asset [assets: walking tractor, large four-wheel tractor, small four-wheel tractor, set, sprinkler, threshing machine, rice mill, crop storage building, large chicken coop, other large building for livestock, or other asset], how many ponds household owns, size of pond, whether pond is a shrimp pond or a fish pond, how many years pond has been operational, how much it cost to build pond, how household obtained money for pond, largest source of money, how much came from this source, how many livestock are owned by household [cows, buffalo, pig, chicken if > 50, or ducks if > 50], value of livestock, whether household believes increasing farm size would make it more profitable, and barriers to doing this)

XIII. Household Business (Questions including whether household currently owns a business, how many, type of business, how many years business has been in existence, from where idea to start business came, whether household owns entire business or percentage, the percentage, who else owns business, how many people work for business, how many of these people are members of household, whether business has paid anyone in cash for work in past 12 months, how many workers were paid, lowest daily wage paid, highest daily wage paid, how wages are determined, whether

there are any major assets owned in conjunction with business, types of assets, how many are owned, how much assets cost, how household got money for assets, largest source of money, how much came from this source, and how long household has owned item)

A. Additional Start-Up Capital (Questions including whether household needed additional funds to start business, for what did household need additional funding, how much additional funding was needed, and how household got additional funds)

B. Scale of Business (Questions including whether household believes if they could increase the size of the business whether it would be more profitable, the barriers to doing this, and why household can't borrow necessary funds)

XIV. Housing and Landholding (Questions including whether household owns or rent house, how much rent is, if someone wanted to buy a similar house what the cost would be, how many rai were cultivated in past 12 months, how many plots were cultivated in past 12 months, type of land, what type of claim household has to plot, type of land certificate that covers plot, how many rai are in plot, when plot was acquired, how plot was acquired, sources of financing for plot, largest source, how much came from this source, current value of plot, km from house to plot, whether plot has access to water in the cold season, whether plot has access to water in the hot season, how many bags of chemical fertilizer were used last year, the numbers from these bags, whether plot is in the tambon, whether household owns any other land, how many plots household owns, type of land, type of land certificate that covers plot, how many rai are in plot, when plot was acquired, how plot was acquired, sources of financing for plot, largest source, how much came from this source, current value of plot, km from house to plot, and how plot is currently being used)

XV. Expenditures (Questions including during a typical months how much household consumes of item, unit of measurement, price per unit, and total value of expenditures/consumption of item in a typical month [items: rice household grew themselves, rive bought, other grains, milk & milk products, meat, alcohol consumed at home, alcohol consumed away from home, tobacco, gasoline, or ceremonies] how much household has spent on house repairs in past 12 months, how much household has spent on motorcycle repairs in past 12 months, how much household has spent on educational expenses in past 12 months, how much household has spent on clothing in past 12 months, and how much household has spent on food eaten away from home in past 12 months)

XVI. Income (Questions including total gross income for household during past 12 months, whether anyone in household has received payments for items in past 12 months, how much was received [rice farming, corn farming, vegetable farming, orchard farming, other crop, raising shrimp, raising fish, raising chickens or ducks, raising pigs or cows or buffalo, raising other livestock, wages, salaries, rice mill, store, mechanic/repair shop, hair salon/barber, restaurant/noodle shop, trading, other business, payments for renting land, payments for other rentals, from selling land, gov't assistance, interest on savings, income from loan repayments, scholarships or grants, income from roomers & boarders, proceeds from ROSCA, remittances from relatives, remittance from friends, gov't lottery, dividends, retirement compensation, gifts, or other income], total expenditures, whether anyone has had expenditure, how much was spent on expenditure [Farm Expenses: seeds, fertilizers, pesticides/herbicides, wages - all paid labor, meals for laborers, rental cost of all tractors & machinery & equipment, all land rental, fuel for tractors & any other machinery, maintenance of tractors & machinery, purchase of baby or breeding livestock, food for livestock, other; Shrimp/Fish Expenses: wages - all paid labor, meals for laborers, rental cost of all tractors & machinery & equipment, all land rental, fuel for tractors & any other machinery, maintenance of tractors & machinery, cost of baby shrimp/fish, shrimp & fish breeding expenses, shrimp & fish food, chemicals for shrimp/fish ponds, sea water for shrimp/fish ponds, other; Business Expenses: wages - all paid labor, meals for laborers, rental cost of all machinery & equipment, all land rental, fuel for machinery & equipment, maintenance of machinery & equipment, cost of inventory, transportation expense, other] {total farm expenses} {total shrimp/fish expenses} {total business expenses}, net income, whether this is an accurate estimate of household new profits over past 12 months, best guess about next year's net profit, if next year is good estimated net profit, and if next year is bad estimated net profit)

XVII. Borrowing (Questions including whether household owes money or goods to anyone, how many loans are owed, whether household has completely repaid a loan in past 12 months, how many loans have been completely repaid, loan number, from whom household borrowed, when household borrowed money, whether loan has been fully repaid, how much was borrowed, how much household had to pay back {if loan is fully repaid}, how much will household have to pay back, duration of loan, why money was borrowed, what household offered as collateral for loan, value of collateral, and consequences for household if they do not repay loan)

XVIII. Lending (Questions including whether anyone owes household money or goods, how many loans are owed to household, whether any loans have been fully repaid in the last 12 months, how many loans have been fully repaid, loan number, to whom did household lend money, when household lent money, whether loan has been repaid, how much was loaned, how much was repaid {if loan has been fully repaid}, how much will be repaid, duration of loan, why

was money borrowed, what was offered as collateral for loan, value of collateral, consequences for borrower if s/he did not repay loan, whether household has ever turned down anyone for loan, who was turned down, and why)

XIX. Savings (Questions including whether household has savings [commercial bank, agricultural cooperative, bank account at BAAC, PCG account, rice bank, gold & jewelry, cash, other savings, or rice in storage], most important source for savings [saving up small amounts for a long time, from selling land, from selling other assets, from inheritance, profits from business, from selling agricultural product, from salary or wages, lottery winnings, or other], how many times household has made a deposit in past 12 months, how much has been deposited, how many times household has withdrawn money in past 12 months, how much has been withdrawn, how much household presently has, and current value of rice saved)

XX. General Questions (Questions including household's opinion of being a member of more than one lending institution at a time, whether household has repaid a loan with another loan in past 12 months, why, whether household has made a late payment or repaid loan late in the past 12 months, why, whether household has missed a savings deposit or made a late savings deposit to a pledge account in past 12 months, why, whether household has had a loan paid by cosigners in past 12 months, why, whether household has had to forfeit collateral to pay a loan in past 12 months, why, whether household has had to take collateral, have a cosigner pay for loan recipient, or not been repaid by someone in past 12 months, why, and whether household has loaned to that person again)

XXI. Hypothetical Situation (Questions including how household would get 2000 B if it was needed right away, if that source wasn't available what would household do, how household would get 20,000 B right away, and if that source wasn't available what household would do)

XXII. Institutions and Organizations (Questions including whether anyone in household is currently a member of institution, whether anyone had been a member but presently is not, when household joined institution, when household stopped being members of institution, why household stopped being members, how many times household borrowed from institution, whether household would want to become members of institution if neighbors asked household to join, main reason for wanting to join institution, and main reason for not wanting to join institution[Rice Bank, Buffalo Bank, PCG, BAAC, BAAC Group, Agricultural Cooperative, Women's Group, Emergency Fund, Health Fund, Commercial Bank, Gov't Savings Bank, Insurance Company, Finance Company, Moneylender, ROSCA, or other])

How to Use the Data Dictionary

Variable Name: Data item names are unique throughout the entire file. Most of variable names are sequential identifier such as LA1, LA2 indicating the question number on the questionnaire that the variable comes from. Some derived variables may be a mnemonic string of character such as CASEID or INITEM.

Label: The label is a short description of the data item.

Type: The data type indicates whether the data item is numeric (N) or character (C).

Position: The position of a variable in the Stata data file.

Question Num: The question number indicates the original question in the questionnaire, where the variable comes from.

Question Text: Text from the questionnaire is provided if the variable was obtained directly.

Frequencies & Means: For most categorical variables in the codebook, the counts and percentages of each variable in the data file are shown. For continuous variables, we provide descriptive statistics on minimum, maximum, mean, and standard deviation. The number of valid cases and missing cases are also shown for all variables.

Unique Values: A list of all of the possible non-missing values for the variable and the description of the values.

Unique missing data codes: There are five types of missing values:

For Numeric Variable	For String Variable		Missing Value Type
.a	RF	=	refuse to answer
.b	DK	=	don't know the answer
.c	NA	=	not applicable
.x	IV	=	invalid value
.y	MI	=	missing value

.a or **RF:** The subject explicitly refused to answer the question or did not answer the question when he or she should have.

.b or **DK:** The subject was unable to answer the question, either because he or she had no opinion or because the required information was not available.

.c or **NA:** The subject was never asked the question for one reason or another. Usually this results from "skip patterns" that occur.

.x or **IV:** A response is inconsistent with related responses or is incompatible with response categories. The circumstances could be: interviewers/data-entry worker incorrectly record a response when recording or keying in the data.

.y or **MI:** Items should be filled out but have no data entry found. This is enumerator's own mistake and nothing to do with the respondent. The circumstances can be interviewers failing to ask a question or forgetting to record a response.

Variable Index

Initial Household Survey, 97

Section I: Household ID

Item	Description	Location
newid	caseid	1
cvr1f	team number	1
cvr7	relationship to head	2
cvr8	roster line number	3
cvr9	sex of respondent	4
cvr10	head's years in village	4
cvr11	marital status of head	4
cvr12	spouse's years in village	5

Section II: Risk Response

Item	Description	Location
newid	caseid	6; 28
rr1	best income year	6
rr2a	1st reason for best income year	7
rr2ao	other of rr2a	8
rr2b	2nd reason for best income year	9
rr2bo	other of rr2b	10
rr3	whether is good year for many	11
rr4	worst income year	11
rr5a	1st reason for best income year	12
rr5ao	other of rr5a	14
rr5b	2nd reason for best income year	14
rr5bo	other of rr5b	16
rr6	whether is bad year for many	16
rr7	risk response item #	28
rr7a	spontaneous response	30
rr7b	prompted response	30
rr7oth36	other household actions	17
rr7oth37	other household actions	17
rr7oth38	other household actions	17
rr7oth40	other household actions	18
rr8	whether need to repay	31
rr9a	1st most important response	18
rr9b	2nd most important response	20
rr9c	3rd most important response	22
rr10a	what livestock or equipment sold	24
rr10ao	other of rr10a	25
rr10b	amount compared with normal year	25
rr10c	time compared with normal year	26
rr11a	migrate less than 6 months	26
rr11b	migrate more than 6 months	27
otheract	other of rr7	31

Section III: Village Ranking & Opinion

Item	Description	Location
newid	caseid	32
ne1n1	compare to village #1	32
ne1n2	compare to village #2	33
ne1n3	compare to village #3	33
ne1n4	compare to village #4	34
ne2a_1	best vlg in institutions	35

ne2a_2	best vlg in cooperation	37
ne2a_3	best vlg in leadership	39
ne2a_4	best vlg in natural resources	41
ne2a_5	best vlg in standard of living	43
ne2b_1	worst vlg in institutions	36
ne2b_2	worst vlg in cooperation	38
ne2b_3	worst vlg in leadership	40
ne2b_4	worst vlg in natural resources	42
ne2b_5	worst vlg in standard of living	44
ne4	reason of difference	45
ne4a	comment about village #1	46
ne4b	comment about village #2	46
ne4c	comment about village #3	46
ne4d	comment about village #4	47

Section IV: Household Composition

Item	Description	Location
newid	caseid	48; 49
hc0	household member line# ID	49
hc1	total household members	48
hc3	relationship to household head	50
hc3o	other of hc3	50
hc4	sex of household member	51
hc5	age on last birthday	51
hc6	whether currently in school	52
hc7	highest grade completed	53
hc7oth	other of hc7	55
hc8	educational system	55
hc9	whether received adult education	55
hc10	whether received other training	56

Section V: Occupation

Item	Description	Location
newid	caseid	57
oc1	order # of occupation	57
oc1a	primary occupation	58
oc1ao	other of oc1a	59
oc1b	type of worker (oc1b)	60
oc1both	other of oc1b	61
oc1c	daily wage	61
oc1d	# of year at this occupation	62
oc2a	secondary occupation	62
oc2ao	other of oc2b	64
oc2b	type of worker (oc2b)	64
oc2bo	other of oc2b	65
oc3	village position	65
oc3o	other of oc3	66

Section VI: Occupation History

Item	Description	Location
newid	caseid	67; 69
oh0a	line # of household member	69
oh1	have prior primary occupation	70
oh2a	prior occupation #1	70
oh2aoth	other of oh2a	72
oh2b	years at this occupation(oh2b)	72
oh3a	prior occupation #2	73

oh3aoth	other of oh3a	74
oh3b	years at this occupation(oh3b)	75
oh4a	prior occupation #3	75
oh4aoth	other of oh4a	77
oh4b	years at this occupation(oh4b)	78
oh5	consider changing but unable	67
oh6a	why unable to change	68
oh6b	reason about funds	68

Section VII: Children Living outside the House

Item	Description	Location
newid	caseid	79; 80
khid	line# ID of children	80
kh1	# of children living outside	79
kh4	age of children outside	81
kh4a	sex of children outside	81
kh5	highest school completed	82
kh5ot	other of kh5	83
kh6	primary occupation	84
kh6o	other of kh6o	85
kh7	type of worker	86
kh7o	other of kh7	87
kh8	location of residence	87
kh9	how many times money received	89
kh10	amount of money received	90
kh11	how many times money sent	90
kh12	amount of money sent	90

Section VIII: Residential Patterns

Item	Description	Location
newid	caseid	92; 105
rp01	marital status of head (not in quex.)	92
rp1d	relatives of head or spouse	105
rp1	number of relatives	106
rp2	# live in same house	107
rp3	# live in same village	107
rp4	# live in same tambon	108
rp9	rice to head/parents	93
rp10	rice from head/parents	93
rp11	free labor to head/parents	94
rp12	free labor from head/parents	94
rp13	money to head/parents	95
rp14	money from head/parents	95
rp15	rice to relatives	96
rp16	rice from relatives	96
rp17	label exchange with relatives	97
rp18	equipment to relatives	98
rp19	equipment from relatives	98
rp20	money to relatives	99
rp21	money from relatives	99
rp22	rice to non-relatives	100
rp23	rice from non-relatives	101
rp24	free labor to non-relatives	101
rp25	free labor from non-relatives	102
rp26	equipment to non-relatives	102
rp27	equipment from non-relatives	103
rp28	money to non-relatives	103
rp29	money from non-relatives	104

Section IX: Parent's Characteristics

Item	Description	Location
newid	caseid	109
pwitem_1	head's father	109
pwitem_2	head's mother	116
pwitem_3	spouse's father	121
pwitem_4	spouse's mother	127
pw1_1	occupation of head's father	110
pw1_2	occupation of head's mother	116
pw1_3	occupation of spouse's father	121
pw1_4	occupation of spouse's mother	128
pw1o_1	other of pw1_1	111
pw1o_2	other of pw1_2	117
pw1o_3	other of pw1_3	122
pw1o_4	other of pw1_4	130
pw2_1	education of head's father	112
pw2_2	education of head's mother	118
pw2_3	education of spouse's father	123
pw2_4	education of spouse's mother	130
pw3_1	vlg position of head's father	112
pw3_2	vld position of head's mother	118
pw3_3	vlg position of spouse's father	123
pw3_4	vlg position of spouse's mother	131
pw3o_1	other of pw3_1	113
pw3o_2	other of pw3_2	119
pw3o_3	other of pw3_3	124
pw3o_4	other of pw3_4	132
pw4_1	land of head's parents	114
pw4_2	land of head's mother	120
pw4_3	land of spouse's father	125
pw4_4	land of spouse's mother	132
pw5_1	how the father acquired land	114
pw5_2	how the mother acquired land	120
pw5_3	how spouse's dad acquired land	125
pw5_4	how spouse's mom acquired land	132
pw5o_1	other of pw5_1	115
pw5o_2	other of pw5_2	120
pw5o_3	other of pw5_3	127
pw5o_4	other of pw5_4	133
pw6a	wealth status of household	133
pw6b	status compared with mid(pw6b)	134
pw7a	wealth of head's parents	134
pw7b	status compared with mid(pw7b)	135
pw8a	wealth of spouse's parents	136
pw8b	status compared with mid(pw8b)	136

Section X: Inheritance

Item	Description	Location
newid	caseid	138; 139
ih1	ever inherited from parents	138
ih1	ever inherited from parents	139
ih2	whether inherited this item	140
ih3a	how many were inherited	141
ih3b	value of land inherited	142
ih4	in what year you inherited	142
ihitem	inherited item description	140
ihitem08	other inherited item	144

Section XI: Household Assets

Item	Description	Location
newid	caseid	145
ha1	description of household asset	146
ha1a	household asset line# ID	145
ha2	number of this type of asset	147
ha3	value of household asset	147
ha4	source of funds for this asset	148
ha4a	largest source of fund	151
ha4b	amount of largest fund	152
ha4o	other of ha4	151
ha5	# of year asset owned	153

Section XII: Agriculture Assets

Item	Description	Location
newid	caseid	154; 164; 172
fa1	in agricultural activities	154
fa1	involved in agr. activity	164
fa2	type of agricultural activity	155
fa2	type of agr. activity	165
fa2o	other of fa2	155
fa3	agr. asset description	166
fa3a	item # ID of agr. asset	165
fa4	number of assets owned	167
fa5	cost of asset	167
fa6	source of asset	168
fa6a	largest source of fund	169
fa6b	amount of largest fund	170
fa6o	other of fa6	169
fa7	number of years asset owned	171
fa8	number of ponds owned	156
fa8	number of ponds	172
fa9	size of pond	173
fa9a	line # ID of pond	172
fa10	shrimp or fish pond	173
fa11	years pond in operating	174
fa12	cost of pond	174
fa13	source of fund	175
fa13a	largest source of fund	177
fa13b	amount of largest fund	177
fa13o	other of fa13	176
fa14_1	number of cows	156
fa14_2	number of buffalos	157
fa14_3	number of pigs	158
fa14_4	number of chickens	159
fa14_5	number of ducks	160
fa15_1	value of cows	157
fa15_2	value of buffalos	158
fa15_3	value of pigs	159
fa15_4	value of chickens	159
fa15_5	value of ducks	160
fa16	whether increase size profitable	161
fa17a	barriers to increase farm size	161
fa17ath	other of fa17a	162
fa17b	why not borrow fund	162

Section XIII: Household Business

Item	Description	Location
------	-------------	----------

newid	caseid	179; 186; 203; 211; 228; 234; 250; 256; 273
ba1	business ownership	179
ba2	number of business owned	179
ba3a	1st business owned	180
ba3ao	other of ba3a	184
ba3b	2nd business owned	181
ba3bo	other of ba3b	184
ba3c	3rd business owned	182
ba3co	other of ba3c	184
ba3d	4th business owned	183
ba3do	other of ba3d	185
ba4	number of years in business	186
ba5	source of idea	186
ba5o	other of ba5	187
ba6	own all of the business	188
ba7	percentage owned by household	188
ba8	who else owns business	189
ba9	number of workers	189
ba10	worker from the household	189
ba11	whether paid cash	190
ba12	number of worker paid	190
ba13	lowest daily wage paid	191
ba14	highest daily wage paid	191
ba15	how to determine wage	192
ba16	business asset discription	204
ba16a	line # ID of business asset	203
ba17	number of this asset	204
ba18	cost of this asset	205
ba19	sources of funds	206
ba19a	largest source of fund	208
ba19b	amount of largest fund	209
ba19o	other of ba19	208
ba20	years asset owned	209
ba22	additional fund for non-asset	192
ba23	why need additional fund	193
ba24	amount of additional fund	193
ba25_1	from cash saving	194
ba25_2	from land/asset sale	194
ba25_3	from store credit	195
ba25_4	from commercial bank	195
ba25_5	from BAAC	196
ba25_6	from Agr. Cooperative	196
ba25_7	from PCG	197
ba25_8	from other organization	197
ba25_9	from relatives	198
ba25_10	from non-relatives	198
ba25_11	from moneylender	199
ba25_12	from gift	199
ba25_13	from employer	200
ba25_14	from other sources	200
ba25o1	other of ba25_8	201
ba25o2	other of ba25_14	201
ba26	increase size be profitable	201
ba27	barrier to increase size	202
ba27b	why not borrow fund	202
bb4	number of years in business	211
bb5	source of idea	212
bb5o	other of bb5	212
bb6	own all of the business	213
bb7	percentage owned by household	213
bb8	who else owns business	214
bb9	number of workers	214

bb10	worker from the household	214
bb11	whether paid cash	215
bb12	number of worker paid	215
bb13	lowest daily wage paid	216
bb14	highest daily wage paid	216
bb15	how to determine wage	217
bb16	business asset discription	229
bb16a	line # ID of business asset	228
bb17	number of this asset	229
bb18	cost of this asset	230
bb19	sources of funds	230
bb19a	largest source of fund	232
bb19b	amount of largest fund	232
bb19o	other of bb19	231
bb20	years asset owned	233
bb22	additional fund for non-asset	217
bb23	why need additional fund	217
bb24	amount of additional fund	218
bb25_1	from cash saving	218
bb25_2	from land/asset sale	219
bb25_3	from store credit	219
bb25_4	from commercial bank	220
bb25_5	from BAAC	220
bb25_6	from Agr. Cooperative	221
bb25_7	from PCG	221
bb25_8	from other organization	222
bb25_9	from relatives	222
bb25_10	from non-relatives	223
bb25_11	from moneylender	223
bb25_12	from gift	224
bb25_13	from employer	224
bb25_14	from other sources	225
bb25o1	other of bb25_8	225
bb25o2	other of bb25_14	225
bb26	increase size be profitable	226
bb27	barrier to increase size	226
bc4	number of years in business	234
bc5	source of idea	234
bc5o	other of bc5	235
bc6	own all of the business	235
bc7	percentage owned by household	236
bc8	who else owns business	236
bc9	number of workers	237
bc10	worker from the household	237
bc11	whether paid cash	237
bc12	number of worker paid	238
bc13	lowest daily wage paid	238
bc14	highest daily wage paid	239
bc15	how to determine wage	239
bc16	business asset discription	251
bc16a	line # ID of business asset	250
bc17	number of this asset	251
bc18	cost of this asset	252
bc19	sources of funds	252
bc19a	largest source of fund	253
bc19b	amount of largest fund	254
bc19o	other of bc19	253
bc20	years asset owned	255
bc22	additional fund for non-asset	240
bc23	why need additional fund	240
bc24	amount of additional fund	241
bc25_1	from cash saving	241

bc25_2	from land/asset sale	241
bc25_3	from store credit	242
bc25_4	from commercial bank	242
bc25_5	from BAAC	243
bc25_6	from Agr. Cooperative	243
bc25_7	from PCG	244
bc25_8	from other organization	244
bc25_9	from relatives	245
bc25_10	from non-relatives	245
bc25_11	from moneylender	246
bc25_12	from gift	246
bc25_13	from employer	247
bc25_14	from other sources	247
bc25o1	other of bc25_8	248
bc25o2	other of bc25_14	248
bc26	increase size be profitable	249
bc27	barrier to increase size	249
bd4	number of years in business	256
bd5	source of idea	256
bd5o	other of bd5	257
bd6	own all of the business	257
bd7	percentage owned by household	258
bd8	who else owns business	258
bd9	number of workers	259
bd10	worker from the household	259
bd11	whether paid cash	259
bd12	number of worker paid	260
bd13	lowest daily wage paid	260
bd14	highest daily wage paid	261
bd15	how to determine wage	261
bd16	business asset discription	274
bd16a	line # ID of business asset	273
bd17	number of this asset	274
bd18	cost of this asset	274
bd19	sources of funds	275
bd19a	largest source of fund	276
bd19b	amount of largest fund	277
bd19o	other of bd19	276
bd20	years asset owned	277
bd22	additional fund for non-asset	262
bd23	why need additional fund	262
bd24	amount of additional fund	263
bd25_1	from cash saving	263
bd25_2	from land/asset sale	264
bd25_3	from store credit	264
bd25_4	from commercial bank	265
bd25_5	from BAAC	265
bd25_6	from Agr. Cooperative	266
bd25_7	from PCG	266
bd25_8	from other organization	267
bd25_9	from relatives	267
bd25_10	from non-relatives	268
bd25_11	from moneylender	268
bd25_12	from gift	269
bd25_13	from employer	269
bd25_14	from other sources	270
bd25o1	other of bd25_8	270
bd25o2	other of bd25_14	270
bd26	increase size be profitable	271
bd27	barrier to increase size	271

Section XIV: Housing and Landholding

Item	Description	Location
newid	caseid	279; 284; 298; 310
la1	own or rent house	279
la2	monthly rent	280
la3	value of house and plot	280
la4	number of Rai cultivated	281
la5	number of plots cultivated	281
la6	plot # ID	284
la7	land type	285
la7o	other of la7	285
la8	claim to plot	286
la8o	other of la8	287
la9	title to plot	287
la9o	other of la9	288
la10	how many Rai in plot	289
la11	what year plot acquired	289
la12	how plot was acquired	290
la12o	other of la12	290
la13	how plot was financed	291
la13a	largest source of funds	292
la13b	amount of largest fund	293
la13o	other of la13	292
la14	current value of plot	294
la15	distance from house	294
la16	water access in cold season	295
la17	water access in hot season	295
la18	bags of fertilizer	296
la19	type of fertilizer	296
la19a	plot in Tambon	297
la21	other land owned	282
la22	number of other plot owned	282
la23	plot line # ID	298
la24	land type	299
la24o	other of la24	299
la25	title to plot	300
la25o	other of la25	301
la26	how many Rai in plot	301
la27	what year plot acquired	302
la28	how plot was acquired	302
la28o	other of la28	303
la29	how plot was financed	303
la29a	largest source of funds	305
la29b	amount of largest fund	306
la29o1	other of la29(la29=J)	304
la29o2	other of la29(la29=Q)	305
la30	current value of plot	307
la31	distance from house	307
la32	land use	308
la32o	other of la32	309
la34	land loss	283
la35	how many land loss	283
la36	line # ID of land loss	310
la37	how many Rai lost	311
la38	type of land lost	311
la38o	other of la38	312
la39	what year land lost	312
la40	how land was lost	313
la40o	other of la40	313
la41	proceeds used for	314

la41o	proceeds used for- other	315
la42	value of land	315
la43	reason for land loss	316

Section XV: Expenditure

Item	Description	Location
newid	caseid	317; 320
ex1	amount of items consumed	321
ex1id	expenditure line # ID	320
ex2	item unit	322
ex2o	other of ex2	322
ex3	price per unit	323
ex4	value of expenditure per month	323
ex5	house repair	317
ex6	vehicle repair	318
ex7	education expense	318
ex8	clothing expense	319
ex9	eating outside home	319

Section XVI: Income

Item	Description	Location
newid	caseid	324; 331; 334
in1	gross revenue	324
in2	received this payment or not	331
in3	revenue source	332
in3combo	revenue sources	325
in4	amount of revenue from this item	333
in4tot	total revenue(not in quex)	325
in6	business/farm expenses	326
in7	have this expense or not	334
in7id	farm/shrimp/business expense	334
in8	expense categories	335
in9	amount of expense	335
in11	net income: IN1-IN6	327
in12	accuracy of estimate	327
in13	revised estimate of net income	328
in14	profit estimate next year	328
in15	good year profit estimate	329
in16	bad year profit estimate	329
initem	revenue source description	331
edinc	edinc(not in quex.)	330

Section XVII: Borrowing

Item	Description	Location
newid	caseid	336; 339
bl1a	own loan or not	336
bl1b	number of loans owed	337
bl2a	loans completely repaid	337
bl2b	# of loans completely repaid	338
bl3a	line # ID of loan	339
bl3b	lender	340
bl3bo	other of ll3b	341
bl3c	month/year money borrowed	341
bl3d	fully repaid loan or not	342
bl3e	amount borrowed	342
bl3f	total amount owed	343
bl3g	loan for how many months	343

bl3h	why borrowed money	344
bl3ho	other of bl3h	345
bl3i	what collateral for loan	345
bl3io	other of bl3i	346
bl3j	value of collateral	346
bl3k	consequences of default	347
bl3ko	other of bl3k	348

Section XVIII: Lending

Item	Description	Location
newid	caseid	349; 352
le1a	anyone owe you or not	349
le1b	number of loans owed	350
le2a	anyone fully repaid loan	350
le2b	number of loans been repaid	351
le3a	line # ID of loan	352
le3b	borrower	353
le3bo	other of le3b	353
le3c	month/year loan made	354
le3d	been fully repaid or not	354
le3e	amount loan out	355
le3f	total repayment from borrower	355
le3g	loan for how many months	356
le3h	why borrower need loan	356
le3ho	other of le3h	357
le3i	borrower's collateral	357
le3io	other of le3i	358
le3j	value of collateral	359
le3k	consequences of default	359
le3ko	other of le3k	360
le5	ever turn anyone down for loan	351

Section XIX: Saving

Item	Description	Location
newid	caseid	361; 363
sa1	have this saving or not	364
sa2	most important source of saving	364
sa2o	other of sa2	365
sa3	number of deposits	366
sa4	amount of deposit	366
sa5	number of withdrawal	367
sa6	amount of withdrawal	367
sa7	amount of current saving	368
sa8	most important reason for saving	361
sa8o	other of sa8	362
said	saving type description	363

Section XX: General Questions

Item	Description	Location
newid	caseid	369
gq1	opinion about membership	369
gq2a	ever repaid 1 loan with other	370
gq2b	if answer YES to gq2a	370
gq3a	ever repaid loan late	371
gq3b	if answer YES to gq3a	371
gq4a	ever missed pledge deposit	372
gq4b	if answer YES to gq4a	372

gq5a	ever defaulted to cosigner	373
gq5b	if answer YES to gq5a	373
gq6a	ever forfeited collateral	374
gq6b	if answer YES to gq6a	374
gq7a	ever had borrower default	375
gq7b	if answer YES in gq7a	375
gq7c	ever loaned again to defaulter	376

Section XXI: Hypothetical Situation

Item	Description	Location
newid	caseid	377
hs1	solution1 for 2000B	377
hs1o	other of hs1	379
hs2	solution2 for 2000B	379
hs2o	other of hs2	381
hs3	solution3 for 2000B	381
hs3o	other of hs3	383
hs4	solution1 for 20,000B	383
hs4o	other of hs4	385
hs5	solution2 for 20,000B	385
hs5o	other of hs5	387
hs6	solution3 for 20,000B	387
hs6o	other of hs6	389

Section XXII: Institution and Organization

Item	Description	Location
newid	caseid	390; 392
io1	a member of not	394
io2	ever been member or not	394
io3	when did you join	395
io4	when did you quit	395
io5	why did you quit	396
io5o	other of io5	396
io6	number of borrowing	397
io7	would you join	397
io8	reason for joining/not joining	398
io8o	other of io8	399
io9	additional comment/observation	391
ioid	line # ID of Institution	392
iooth	other institution(specified)	393
oth1	other row description of institution	390
oth2	other row description of institution	390
oth3	other row description of institution	391
oth4	other row description of institution	391

1997 Household Survey
Section I: Household ID

Data set name: j01.dta
 Case count: 2,870
 Variable count: 8
 Size: 68,880 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: cvr1f
 Label: team number
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: CVR1F
 Question Text: Team Number

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-63	number
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	241	8.40
2	240	8.36
3	240	8.36
4	238	8.29
5	234	8.15
6	238	8.29
7	239	8.33
8	240	8.36
9	239	8.33
10	237	8.26
11	239	8.33
12	237	8.26
13	1	0.03
20	2	0.07
63	1	0.03
.x	1	0.03
.y	3	0.10
	= 2870	100.00

Valid cases = 2870

Missing cases = 4

Variable Name: cvr7
Label: relationship to head
Type: N
Position: 3
Survey/Derived: S
Question Num: CVR7
Question Text: Relationship of Respondent to Head

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	head
3	spouse
5	brother or Sister
7	son or daughter
9	son or daughter in law
11	grandchild
13	parent
15	other relation and household member (specify) CVR7O1
17	not house hold member (specify) CVR7O2
.x	invalid value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1868	65.09
3	732	25.51
5	5	0.17
7	189	6.59
9	34	1.18
11	8	0.28
13	16	0.56
15	2	0.07
17	14	0.49
.x	2	0.06
	-----	-----
	= 2870	100.00

Valid cases = 2870 Missing cases = 2

Variable Name: cvr8
Label: roster line number
Type: N
Position: 4
Survey/Derived: S
Question Num: CVR8
Question Text: Enumerator: when you get to the Household Composition Section (page xx), record the household roster number of respondent here.

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-10	number
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	3	0.10
1	1868	65.09
2	825	28.75
3	83	2.89
4	31	1.08
5	19	0.66
6	7	0.24
7	2	0.07
8	1	0.03
10	1	0.03
.c	23	0.80
.y	7	0.24
	-----	-----
	= 2870	100.00

Valid cases = 2840 Missing cases = 30

Variable Name: cvr9
 Label: sex of respondent
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: CVR9
 Question Text: Sex of Respondent

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	male
3	female
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1464	51.01
3	1405	48.95
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2869

Missing cases = 1

Variable Name: cvr10
 Label: head's years in village
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: CVR10
 Question Text: How many years has the household head lived in the village?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-87	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	87	34.5703	19.3175

Valid cases = 2865

Missing cases = 5

Variable Name: cvr11
 Label: marital status of head
 Type: N
 Position: 7
 Survey/Derived: S
 Question Num: CVR11
 Question Text: What is the current marital status of the household head? (If 1 skip to CVR13)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	never married
3	married
5	separated
7	divorced
9	widowed
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	59	2.06
3	2258	78.68
5	62	2.16
7	42	1.46
9	447	15.57
.y	2	0.07
	-----	-----
	= 2870	100.00

Valid cases = 2870

Missing cases = 2

Variable Name: cvr12

Label: spouse's years in village

Type: N

Position: 8

Survey/Derived: S

Question Num: CVR12

Question Text: How many years has (or did) the household head's spouse lived in the village?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-87	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	87	31.8973	18.0269

Valid cases = 2786

Missing cases = 84

*Note: Skip this question if select "1(never married)" in question CVR11.

Section II: Risk Response (1)

Data set name: j02.dta
 Observations: 2,870
 Variable Count: 26
 Size: 1,323,070

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: rr1
 Label: best income year
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: RR1
 Question Text: Of the last 5 years, what was the best year for household income?
 (If no changes in income, then go to RR4)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	last year: 4/96-3/97
2	two years ago: 4/95-3/96
3	three years ago: 4/94-3/95
4	four years ago: 4/93-3/94
5	five years ago: 4/92-3/93
9	no changes in income over last 5 years
.a	refuse to answer
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	726	25.30
2	586	20.42
3	389	13.55
4	163	5.68
5	199	6.93
9	803	27.98
.a	1	0.03
.y	3	0.10
	-----	-----
	= 2870	100.00

Valid Cases = 2866

Missing Cases = 4

Variable Name: rr2a
Label: 1st reason for best income year
Type: N
Position: 3
Survey/Derived: S
Question Num: RR2A
Question Text: Why? (Record codes for the first reason that the respondent mentions)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
11	flood
13	not enough rainfall
15	pests destroys house and/or equipment
17	crop yield low for some other reason
21	low price for output
23	high input prices
25	education expenses are higher
27	need extra money for ceremony
29	income lower because of retirement
31	higher investment costs
35	building expenses are higher
37	death in family
39	worked fewer days in current occupation
41	bad year for household business
43	lost money from gambling
45	unable to repay debts
61	lower educational expenses
63	lower expenses for some other reason
65	children finish school and go to work
67	children send money home
69	get a better main job
71	have an additional occupation
73	grow a new crop
75	high price for output
77	good weather for farming
79	high crop yield for another season
81	able to borrow
83	high land prices
85	worked more days in current occupation
87	high demand for output
89	won lottery
91	other (specify) RR2AO
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
11	1	0.03
13	3	0.10
17	1	0.03
21	1	0.03
37	3	0.10
39	1	0.03
63	22	0.77
65	28	0.98
67	49	1.71
69	84	2.93
71	118	4.11
73	37	1.29
75	663	23.10
77	539	18.78
79	111	3.87
81	4	0.14
83	4	0.14
85	107	3.73
87	130	4.53
89	11	0.38
91	141	4.91
.c	803	27.98
.x	5	0.17
.y	4	0.14
	= 2870	100.00

Valid Cases = 2058

Missing Cases = 812

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR1.

Variable Name: rr2ao
Label: other of rr2a
Type: C
Position: 4
Survey/Derived: S
Question Num: RR2AO
Question Text: If select other in RR2A

Unique Values / Codes	
Unique values = 130	
Unique missing data codes = 2	
Valid cases = 137	Missing cases: NA(not applicable)= 2729 MI (missing value)= 4

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR1, or if NOT select "91(other)" in question RR2A.

Variable Name: rr2b
Label: 2nd reason for best income year
Type: N
Position: 5
Survey/Derived: S
Question Num: RR2B
Question Text: Why? (Record codes for the second reason that the respondent mentions)

Unique Values/Codes

<u>Value</u>	<u>Description</u>
11	flood
13	not enough rainfall
15	pests destroys house and/or equipment
17	crop yield low for some other reason
21	low price for output
23	high input prices
25	education expenses are higher
27	need extra money for ceremony
29	income lower because of retirement
31	higher investment costs
35	building expenses are higher
37	death in family
39	worked fewer days in current occupation
41	bad year for household business
43	lost money from gambling
45	unable to repay debts
61	lower educational expenses
63	lower expenses for some other reason
65	children finish school and go to work
67	children send money home
69	get a better main job
71	have an additional occupation
73	grow a new crop
75	high price for output
77	good weather for farming
79	high crop yield for another season
81	able to borrow
83	high land prices
85	worked more days in current occupation
87	high demand for output
89	won lottery
91	other (specify) RR2BO
.a	refuse to answer
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
15	1	0.03
17	1	0.03
21	1	0.03
61	1	0.03
63	13	0.45
65	6	0.21
67	26	0.91
69	40	1.39
71	77	2.68
73	14	0.49
75	248	8.64
77	242	8.43
79	134	4.67
81	10	0.35
83	1	0.03
85	51	1.78
87	258	8.99
89	3	0.10
91	81	2.82
.a	1	0.03
.b	12	0.42
.c	1356	47.25
.x	1	0.03
.y	292	10.17
	----- = 2870	----- 100.00

Valid cases = 1208

Missing cases = 1662

Variable Name: rr2bo
Label: other of rr2b
Type: N
Position: 6
Survey/Derived: S
Question Num: RR2BO
Question Text: If select other in RR2B

Unique Values / Codes	
Unique values = 75	
Unique missing data codes = 2	
Valid cases = 79	Missing cases: NA(not applicable)= 2789 MI (missing value)= 2

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR1, or if NOT select "91(other)" in question RR2B.

Variable Name: rr3
 Label: whether is good year for many
 Type: N
 Position: 7
 Survey/Derived: S
 Question Num: RR3
 Question Text: Was this a good year for many of the households in the village?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1401	48.82
3	658	22.93
.c	803	27.98
.y	8	0.28
	-----	-----
	= 2870	100.00

Valid cases = 2059

Missing cases = 811

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR1.

Variable Name: rr4
 Label: worst income year
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: RR4
 Question Text: Of the last 5 years, what was the worst year for household income? (If no changes in income over the last 5 years, go to RR11A)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	last year: 4/96 – 4/97
2	two years ago: 4/95-5/96
3	three years ago: 4/94-4/95
4	four years ago: 4/93-4/94
5	five years ago: 4/92-4/93
9	no changes in income over last 5 years
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	862	30.03
2	456	15.89
3	349	12.16
4	288	10.03
5	374	13.03
9	539	18.78
.c	1	0.03
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2868

Missing cases = 2

Variable Name: rr5a
Label: 1st reason for best income year
Type: N
Position: 9
Survey/Derived: S
Question Num: RR5A
Question Text: Why? (record codes for the first reason that the respondent mentions)

Unique Values/Codes

<u>Value</u>	<u>Description</u>
11	flood
13	not enough rainfall
15	pests destroy crop
17	crop yield low for some other reason
19	fire destroys house and/or equipment
21	low price for output
23	high input prices
25	education expenses are higher
27	need extra money for ceremony
29	income lower because of retirement
31	higher investment costs
33	high expenses because of illness
35	building expenses are higher
37	death in family
39	worked fewer days in current occupation
41	bad year for household business
43	lost money from gambling
45	unable to repay debts
61	lower educational expenses
63	lower expenses for some other reason
65	children finish school and go to work
67	children send money home
69	get a better main job
71	have an additional occupation
73	grow a new crop
75	high price for output
77	good weather for farming
79	high crop yield for another season
81	able to borrow
83	high land prices

85	worked more days in current occupation
87	high demand for output
89	won lottery
91	other (specify) RR2BO
.c	not applicable
.x	invalid value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
11	256	8.92
13	839	29.23
15	65	2.26
17	151	5.26
19	1	0.03
21	328	11.43
23	15	0.52
25	41	1.43
27	6	0.21
29	2	0.07
31	44	1.53
33	134	4.67
37	25	0.87
39	136	4.74
41	43	1.50
45	4	0.14
63	4	0.14
67	1	0.03
71	1	0.03
73	1	0.03
77	5	0.17
79	1	0.03
83	1	0.03
85	2	0.07
91	221	7.70
.c	541	18.85
.x	2	0.07
	= 2870	100.00

Valid cases = 2327

Missing cases = 543

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr5ao
Label: other of rr5a
Type: C
Position: 10
Survey/Derived: S
Question Num: RR5AO
Question Text: If select other in RR5A

Unique Values / Codes	
Unique values = 197 Unique missing data codes = 2	
Valid cases = 213	Missing cases: NA(not applicable)= 2649 MI (missing value)= 8

*Note: Skip this question if select “9 (no changes in income over last 5 years)” in RR4, or if NOT select “91(other)” in question RR5A.

Variable Name: rr5b
Label: 2nd reason for best income year
Type: N
Position: 11
Survey/Derived: S
Question Num: RR5B
Question Text: Why? (record codes for the second reason that the respondent mentions)

Unique Values/Codes	
<u>Value</u>	<u>Description</u>
11	flood
13	not enough rainfall
15	pests destroys crop
17	crop yield low for some other reason
19	fire destroys house and/or equipment
21	low price for output
23	high input prices
25	education expenses are higher
27	need extra money for ceremony
29	income lower because of retirement
31	higher investment costs
33	high expense because of illness
35	building expenses are higher
37	death in family
39	worked fewer days in current occupation
41	bad year for household business
43	lost money from gambling
45	unable to repay debts
61	lower educational expenses
63	lower expenses for some other reason
65	children finish school and go to work
67	children send money home
69	get a better main job
71	have an additional occupation
73	grow a new crop
75	high price for output
77	good weather for farming

79	high crop yield for another season
81	able to borrow
83	high land prices
85	worked more days in current occupation
87	high demand for output
89	won lottery
91	other (specify) RR2BO
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
11	41	1.43
13	122	4.25
15	98	3.41
17	264	9.20
19	5	0.17
21	315	10.98
23	37	1.29
25	17	0.59
27	7	0.24
31	55	1.92
33	66	2.30
35	1	0.03
37	10	0.35
39	69	2.40
41	63	2.20
43	1	0.03
45	6	0.21
63	2	0.07
71	1	0.03
75	1	0.03
77	2	0.07
85	2	0.07
87	1	0.03
91	155	5.40
.b	17	0.59
.c	1163	40.52
.x	1	0.03
.y	348	12.13
	-----	-----
	= 2870	100.00

Valid cases = 1341

Missing cases = 1529

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr5bo
Label: other of rr5b
Type: C
Position: 12
Survey/Derived: S
Question Num: RR5BO
Question Text: If select other in RR5B

Unique Values / Codes	
Unique values = 146 Unique missing data codes = 2	
Valid cases = 152	Missing cases: NA(not applicable)= 2715 MI (missing value)= 3

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4, or if NOT select "91(other)" in question RR5B.

Variable Name: rr6
Label: whether is bad year for many
Type: N
Position: 13
Survey/Derived: S
Question Num: RR6
Question Text: Was this a bad year for many of the households in the village?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1518	52.89
3	803	27.98
.c	538	18.75
.y	11	0.38
	-----	-----
	= 2870	100.00

Valid cases = 2321

Missing cases = 549

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr7oth36
 Label: other household actions
 Type: C
 Position: 14
 Survey/Derived: S
 Question Num: RR7
 Question Text: Other (specify)

Unique Values / Codes	
Unique values = 121 Unique missing data codes = 1	
Valid cases = 131	Missing cases: NA(not applicable) = 2739

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr7oth37
 Label: other household actions
 Type: C
 Position: 15
 Survey/Derived: S
 Question Num: RR7
 Question Text: Other (specify)

Unique Values / Codes	
Unique values = 5 Unique missing data codes = 1	
Valid cases = 5	Missing cases: NA(not applicable)= 2865

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr7oth38
 Label: other household actions
 Type: C
 Position: 16
 Survey/Derived: S
 Question Num: RR7
 Question Text: Other (specify)

Unique Values / Codes	
No observations. Valid cases = 0	
Missing cases = 2870	

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr7oth40
Label: other household actions
Type: C
Position: 17
Survey/Derived: S
Question Num: RR7
Question Text: Other (specify)

Unique Values / Codes

No observations.

Valid cases = 0

Missing cases = 2870

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr9a
Label: 1st most important response
Type: N
Position: 18
Survey/Derived: S
Question Num: RR9A
Question Text: Ranking of Responses – First most Important

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	sell/eat rice in storage
2	spend less on household items, food etc.
3	spend less on inputs
4	sell jewelry
5	sell land
6	work harder than in a normal year
7	do additional occupation
8	use savings
9	get help from government
10	help from relatives in village (not money)
11	help with money form relatives in the village
12	help from relatives out of village (not money)
13	help with money from relatives out of village
14	help from non-relatives in the village (not money)
15	help with money from non-relatives in the village
16	help from non-relatives out of village(not money)
17	help with money from non-relatives out of village
18	get help from the temple
19	borrow from BAAC group members
20	borrow from BAAC
21	borrow from supplier of inputs in the village
22	borrow from supplier of input out of the village
23	borrow from moneylender in village
24	borrow from moneylender out of village
25	borrow from village store owner
26	borrow from village rice bank
27	borrow from PCG
28	borrow from Housewife's group
29	borrow from village fund
30	borrow from Marketing Demonstration Center
31	borrow from Agricultural Cooperative
32	borrow from commercial bank
33	migrate for less than 6 months for work (some/all of household)

34	migrate for 6 or more than months for work (some/all of household)
35	sell livestock or equipment
36	other(specify)
.b	don't know
.c	not applicable
.y	missing value

	Frequency	
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	156	5.44
2	185	6.45
3	11	0.38
4	10	0.35
5	14	0.49
6	266	9.27
7	464	16.17
8	161	5.61
9	16	0.56
10	19	0.66
11	73	2.54
12	6	0.21
13	45	1.57
14	2	0.07
15	21	0.73
16	1	0.03
17	2	0.07
18	3	0.10
19	87	3.03
20	245	8.54
21	4	0.14
22	7	0.24
23	55	1.92
24	48	1.67
25	7	0.24
26	1	0.03
27	4	0.14
28	1	0.03
29	3	0.10
31	74	2.58
32	21	0.73
33	80	2.79
34	68	2.37
35	72	2.51
36	51	1.78
.b	1	0.03
.c	549	19.13
.y	37	1.29
	-----	-----
	= 2870	100.00

Valid cases = 2283

Missing cases = 587

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr9b
Label: 2nd most important response
Type: N
Position: 19
Survey/Derived: S
Question Num: RR9B
Question Text: Ranking of Responses – Second most Important

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	sell/eat rice in storage
2	spend less on household items, food etc.
3	spend less on inputs
4	sell jewelry
5	sell land
6	work harder than in a normal year
7	do additional occupation
8	use savings
9	get help from government
10	help from relatives in village (not money)
11	help with money form relatives in the village
12	help from relatives out of village (not money)
13	help with money from relatives out of village
14	help from non-relatives in the village (not money)
15	help with money from non-relatives in the village
16	help from non-relatives out of village(not money)
17	help with money from non-relatives out of village
18	get help from the temple
19	borrow from BAAC group members
20	borrow from BAAC
21	borrow from supplier of inputs in the village
22	borrow from supplier of input out of the village
23	borrow from moneylender in village
24	borrow from moneylender out of village
25	borrow from village store owner
26	borrow from village rice bank
27	borrow from PCG
28	borrow from Housewife's group
29	borrow from village fund
30	borrow from Marketing Demonstration Center
31	borrow from Agricultural Cooperative
32	borrow from commercial bank
33	migrate for less than 6 months for work (some/all of household)
34	migrate for 6 or more than months for work (some/all of household)
35	sell livestock or equipment
36	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	128	4.46
2	252	8.78
3	71	2.47
4	31	1.08
5	13	0.45
6	402	14.01
7	287	10.00
8	136	4.74
9	20	0.70
10	33	1.15
11	129	4.49
12	11	0.38
13	49	1.71
14	5	0.17
15	36	1.25
16	2	0.07
17	5	0.17
18	1	0.03
19	49	1.71
20	131	4.56
21	11	0.38
22	12	0.42
23	52	1.81
24	32	1.11
25	18	0.63
26	3	0.10
27	8	0.28
28	4	0.14
29	4	0.14
31	54	1.88
32	18	0.63
33	60	2.09
34	39	1.36
35	85	2.96
36	21	0.73
.a	1	0.03
.b	1	0.03
.c	615	21.43
.y	41	1.43
	= 2870	100.00

Valid cases = 2212

Missing cases = 658

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr9c
Label: 3rd most important response
Type: N
Position: 20
Survey/Derived: S
Question Num: RR9C
Question Text: Ranking of Responses – Third most Important

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	sell/eat rice in storage
2	spend less on household items, food etc.
3	spend less on inputs
4	sell jewelry
5	sell land
6	work harder than in a normal year
7	do additional occupation
8	use savings
9	get help from government
10	help from relatives in village (not money)
11	help with money form relatives in the village
12	help from relatives out of village (not money)
13	help with money from relatives out of village
14	help from non-relatives in the village (not money)
15	help with money from non-relatives in the village
16	help from non-relatives out of village(not money)
17	help with money from non-relatives out of village
18	get help from the temple
19	borrow from BAAC group members
20	borrow from BAAC
21	borrow from supplier of inputs in the village
22	borrow from supplier of input out of the village
23	borrow from moneylender in village
24	borrow from moneylender out of village
25	borrow from village store owner
26	borrow from village rice bank
27	borrow from PCG
28	borrow from Housewife's group
29	borrow from village fund
30	borrow from Marketing Demonstration Center
31	borrow from Agricultural Cooperative
32	borrow from commercial bank
33	migrate for less than 6 months for work (some/all of household)
34	migrate for 6 or more than months for work (some/all of household)
35	sell livestock or equipment
36	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	93	3.24
2	270	9.41
3	91	3.17
4	31	1.08
5	8	0.28
6	291	10.14
7	153	5.33
8	158	5.51
9	29	1.01
10	31	1.08
11	103	3.59
12	2	0.07
13	33	1.15
14	6	0.21
15	26	0.91
16	3	0.10
17	3	0.10
18	4	0.14
19	41	1.43
20	96	3.34
21	7	0.24
22	3	0.10
23	58	2.02
24	38	1.32
25	18	0.63
26	7	0.24
27	6	0.21
28	6	0.21
29	4	0.14
30	1	0.03
31	46	1.60
32	16	0.56
33	64	2.23
34	60	2.09
35	117	4.08
36	26	0.91
.a	8	0.28
.b	1	0.03
.c	802	27.94
.y	110	3.83
	-----	-----
	= 2870	100.00

Valid cases = 1949

Missing cases = 921

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr10a
Label: what livestock or equipment sold
Type: C
Position: 21
Survey/Derived: S
Question Num: RR10A
Question Text: Sell livestock or equipment: what did you sell? (for those who selected a 1 for 35, otherwise skip to RR11A)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	pigs
B	cows
C	buffalo
D	poultry
E	other (RR10AO)
IV	invalid value
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	48	1.67
A,B,C	1	0.03
AB	6	0.21
ABC	4	0.14
ABCD	3	0.10
ABD	2	0.07
AC	3	0.10
ACD	3	0.10
AD	7	0.24
B	157	5.47
B,D	1	0.03
BA	1	0.03
BC	63	2.20
BCD	3	0.10
BCDE	1	0.03
BD	4	0.14
BO	1	0.03
C	232	8.08
CA	1	0.03
CB	5	0.17
CD	8	0.28
D	32	1.11
DC	1	0.03
E	3	0.10
IV(invalid value)	1	0.03
MI(missing value)	1740	60.63
NA(not applicable)	539	18.78
	-----	-----
	= 2870	100.00

Valid cases = 590

Missing cases = 2280

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4 or NOT select "35 (sell livestock or equipment)" in RR7.

Variable Name: rr10ao
Label: other of rr10a
Type: C
Position: 22
Survey/Derived: S
Question Num: RR10AO
Question Text: What did you sell?
 E- Other

Unique Values / Codes	
No observations.	
Valid cases = 0	Missing cases = 2870

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4 or NOT select "35 (sell livestock or equipment)" in RR7.

Variable Name: rr10b
Label: amount compared with normal year
Type: N
Position: 23
Survey/Derived: S
Question Num: RR10B
Question Text: Did you sell more/the same/less than in a normal year?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	more
3	same
5	less
7	in a normal year sell none
.a	refuse to answer
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	124	4.32
3	103	3.59
5	70	2.44
7	295	10.28
.a	1	0.03
.c	539	18.78
.y	1738	60.56
	-----	-----
	= 2870	100.00

Valid cases = 592

Missing cases = 2278

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4 or NOT select "35 (sell livestock or equipment)" in RR7.

Variable Name: rr10c
Label: time compared with normal year
Type: N
Position: 24
Survey/Derived: S
Question Num: RR10C
Question Text: Did you sell earlier/same time/later than in a normal year?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	earlier
3	same time
5	later
7	in a normal year sell none
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	64	2.23
3	144	5.02
5	89	3.10
7	285	9.93
.a	1	0.03
.b	1	0.03
.c	547	19.06
.y	1739	60.59
	-----	-----
	= 2870	100.00

Valid cases = 595

Missing cases = 2275

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr11a
Label: migrate less than 6 months
Type: N
Position: 25
Survey/Derived: S
Question Num: RR11A
Question Text: In a year when income is normal – neither particularly high nor particularly low – do any household members usually migrate to work for a period of less than 6 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	570	19.86
3	2292	79.86
.y	8	0.28
	-----	-----
	= 2870	100.00

Valid cases = 2862

Missing cases = 8

Variable Name: rr11b
Label: migrate more than 6 months
Type: N
Position: 26
Survey/Derived: S
Question Num: RR11B
Question Text: In a year when income is normal – neither particularly high nor particularly low – do any household members usually migrate to work for a period of 6 months or more?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	789	27.49
3	2075	72.30
.y	6	0.21
	-----	-----
	= 2875	100.00

Valid cases = 2864

Missing cases = 6

Section II: Risk Response (2)

Data set name: j02tab.dta

Observations: 13,013

Variable Count: 6

Size: 754,754

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2320	
Valid cases = 13013	Missing cases = 0

Variable Name: rr7
 Label: risk response item #
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: RR7
 Question Text: What did your household do in the worst year of the last five to get by?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	sell/eat rice in storage
2	spend less on household items, food etc.
3	spend less on inputs
4	sell jewelry
5	sell land
6	work harder than in a normal year
7	do additional occupation
8	use savings
9	get help from government
10	help from relatives in village (not money)
11	help with money form relatives in the village
12	help from relatives out of village (not money)
13	help with money from relatives out of village
14	help from non-relatives in the village (not money)
15	help with money from non-relatives in the village
16	help from non-relatives out of village(not money)
17	help with money from non-relatives out of village
18	get help from the temple
19	borrow from BAAC group members
20	borrow from BAAC
21	borrow from supplier of inputs in the village
22	borrow from supplier of input out of the village
23	borrow from moneylender in village
24	borrow from moneylender out of village
25	borrow from village store owner
26	borrow from village rice bank
27	borrow from PCG

28	borrow from Housewife's group
29	borrow from village fund
30	borrow from Marketing Demonstration Center
31	borrow from Agricultural Cooperative
32	borrow from commercial bank
33	migrate for less than 6 months for work (some/all of household)
34	migrate for 6 or more than months for work (some/all of household)
35	sell livestock or equipment
36	other (specify)
.x	invalid value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	769	5.91
2	1491	11.46
3	768	5.90
4	200	1.54
5	98	0.75
6	1635	12.56
7	1219	9.37
8	894	6.87
9	296	2.27
10	371	2.85
11	594	4.56
12	136	1.05
13	277	2.13
14	184	1.41
15	249	1.91
16	46	0.35
17	50	0.38
18	45	0.35
19	284	2.18
20	602	4.63
21	56	0.43
22	61	0.47
23	265	2.04
24	195	1.50
25	138	1.06
26	49	0.38
27	34	0.26
28	26	0.20
29	32	0.25
30	4	0.03
31	245	1.88
32	81	0.62
33	432	3.32
34	454	3.49
35	591	4.54
36	134	1.03
.x	8	0.06
	-----	-----
	= 13013	100.00

Valid cases = 13005

Missing cases = 8

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr7a
Label: spontaneous response
Type: N
Position: 3
Survey/Derived: S
Question Num: RR7A
Question Text: Spontaneous Responses

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	mentioned without prompting
.c	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2780	21.36
.c	10233	78.64
	-----	-----
	= 13013	100.00

Valid cases = 2780

Missing cases = 10233

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr7b
Label: prompted response
Type: N
Position: 4
Survey/Derived: S
Question Num: RR7B
Question Text: Non-Spontaneous Responses

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	did not do activity
1	did activity
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	6	0.05
1	10232	78.63
.c	2773	21.31
.y	2	0.02
	-----	-----
	= 13013	100.00

Valid cases = 10238

Missing cases = 2775

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: rr8
Label: whether need to repay
Type: N
Position: 5
Survey/Derived: S
Question Num: RR8
Question Text: Help with money or goods (Ask this question only if the respondent has a 1 for any of the actions 9-25, or a relevant "other") Was this a gift or does it have to be repaid? If it is not a gift, do you need to repay at a specific time, or whenever you are able?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	gift
3	repay when able
5	repay at a specific time
.c	not applicable
.x	invalid value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	949	7.29
3	1035	7.95
5	1769	13.59
.c	4	0.03
.x	9256	71.13
	-----	-----
	= 13013	100.00

Valid cases = 3753

Missing cases = 9260

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Variable Name: otheract
Label: other of rr7
Type: C
Position: 6
Survey/Derived: S
Question Num: RR7
Question Text: Household Actions - others

Unique Values / Codes	
Unique values = 123	
Valid cases = 133	Missing cases = 12880

*Note: Skip this question if select "9 (no changes in income over last 5 years)" in RR4.

Section III: Village Ranking & Opinion

Data set name: j03.dta
 Case count: 2,870
 Variable count: 20
 Size: 1,234,100 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: ne1n1
 Label: compare to village #1
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: NE1
 Question Text: How do you compare your village to three others? Village #1

Unique Values = 12	
<u>Value</u>	<u>Description</u>
51-65	village ID code
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	60	2.09
53	75	2.61
54	149	5.19
57	134	4.67
59	776	27.04
60	254	8.85
61	269	9.37
62	89	3.10
63	30	1.05
64	375	13.07
65	658	22.93
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2869

Missing cases = 1

Variable Name: ne1n2
 Label: compare to village #2
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: NE1
 Question Text: How do you compare your village to three others? Village #2

Unique Values = 13	
<u>Value</u>	<u>Description</u>
52-65	village ID code
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
52	60	2.09
53	126	4.39
54	123	4.29
55	1	0.03
57	614	21.39
59	1	0.03
60	421	14.67
61	265	9.23
62	97	3.38
63	321	11.18
64	145	5.05
65	695	24.22
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2869

Missing cases = 1

Variable Name: ne1n3
 Label: compare to village #3
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: NE1
 Question Text: How do you compare your village to three others? Village #3

Unique Values = 15	
<u>Value</u>	<u>Description</u>
51-66	village ID code
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	60	2.09
53	65	2.26
54	397	13.83
55	59	2.06
57	115	4.01
58	178	6.20
59	60	2.09
60	242	8.43
61	433	15.09
62	198	6.90
63	407	14.18
64	437	15.23
65	96	3.34
66	122	4.25
.y	1	0.03
-----		-----
= 2869		100.00

Valid cases = 2869

Missing cases = 1

Variable Name: ne1n4
Label: compare to village #4
Type: N
Position: 5
Survey/Derived: S
Question Num: NE1
Question Text: How do you compare your village to three others? Village #4

Unique Values = 17

<u>Value</u>	<u>Description</u>
51-66	village ID code
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	238	8.29
52	58	2.02
53	452	15.75
54	257	8.95
56	179	6.24
57	8	0.28
58	60	2.09
59	241	8.40
60	280	9.76
61	50	1.74
62	392	13.66
63	252	8.78
64	61	2.13
65	221	7.70
66	119	4.15
.c	1	0.03
.y	1	0.03
	----- = 2870	----- 100.00

Valid cases = 2868

Missing cases = 2

Variable Name: ne2a_1
Label: best vlg in institutions
Type: N
Position: 6
Survey/Derived: S
Question Num: NE2A
Question Text: Which village of the four villages mentioned in NE1 is the best in terms of availability and quality of Institutions?

Unique Values = 19

<u>Value</u>	<u>Description</u>
51-66	village ID code
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	61	2.13
52	14	0.49
53	98	3.41
54	137	4.77
55	19	0.66
56	35	1.22
57	211	7.35
58	40	1.39
59	227	7.91
60	213	7.42
61	223	7.77
62	123	4.29
63	132	4.60
64	200	6.97
65	376	13.10
66	21	0.73
.b	346	12.06
.c	393	13.69
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2130

Missing cases = 740

Variable Name: ne2b_1
Label: worst vlg in institutions
Type: N
Position: 7
Survey/Derived: S
Question Num: NE2B
Question Text: Which village of the four villages mentioned in NE1 is the worst in terms of availability and quality of Institutions?

Unique Values = 19

<u>Value</u>	<u>Description</u>
51-66	village ID code
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	84	2.93
52	24	0.84
53	83	2.89
54	126	4.39
55	5	0.17
56	31	1.08
57	146	5.09
58	30	1.05
59	147	5.12
60	164	5.71
61	142	4.95
62	85	2.96
63	184	6.41
64	125	4.36
65	252	8.78
66	38	1.32
.b	684	23.83
.c	515	17.94
.y	5	0.17
	= 2870	100.00

Valid cases = 1666

Missing cases = 1204

Variable Name: ne2a_2
Label: best vlg in cooperation
Type: N
Position: 8
Survey/Derived: S
Question Num: NE2A
Question Text: Which village of the four villages mentioned in NE1 is the best in terms of cooperation among villagers?

Unique Values = 20

<u>Value</u>	<u>Description</u>
51-66	village ID code
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	82	2.86
52	26	0.91
53	131	4.56
54	162	5.64
55	14	0.49
56	27	0.94
57	185	6.45
58	58	2.02
59	244	8.50
60	215	7.49
61	181	6.31
62	154	5.37
63	158	5.51
64	214	7.46
65	358	12.47
66	52	1.81
.b	172	5.99
.c	433	15.09
.x	1	0.03
.y	3	0.10
	= 2870	100.00

Valid cases = 2262

Missing cases = 608

Variable Name: ne2b_2
Label: worst vlg in cooperation
Type: N
Position: 9
Survey/Derived: S
Question Num: NE2B
Question Text: Which village of the four villages mentioned in NE1 is the worst in terms of cooperation among villagers?

Unique Values = 20

<u>Value</u>	<u>Description</u>
51-66	village ID code
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	59	2.06
52	15	0.52
53	65	2.26
54	84	2.93
55	5	0.17
56	32	1.11
57	164	5.71
58	15	0.52
59	142	4.95
60	134	4.67
61	111	3.87
62	78	2.72
63	168	5.85
64	116	4.04
65	245	8.54
66	20	0.70
.a	1	0.03
.b	759	26.45
.c	649	22.61
.y	8	0.28
	= 2870	100.00

Valid cases = 1453

Missing cases = 1417

Variable Name: ne2a_3
Label: best vlg in leadership
Type: N
Position: 10
Survey/Derived: S
Question Num: NE2A
Question Text: Which village of the four villages mentioned in NE1 is the best in terms of village leadership?

Unique Values = 19

<u>Value</u>	<u>Description</u>
51-66	village ID code
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	52	1.81
52	11	0.38
53	141	4.91
54	162	5.64
55	17	0.59
56	72	2.51
57	221	7.70
58	24	0.84
59	222	7.74
60	206	7.18
61	194	6.76
62	164	5.71
63	170	5.92
64	157	5.47
65	429	14.95
66	18	0.63
.b	203	7.07
.c	405	14.11
.y	2	0.07
	= 2870	100.00

Valid cases = 2260

Missing cases = 610

Variable Name: ne2b_3
Label: worst vlg in leadership
Type: N
Position: 11
Survey/Derived: S
Question Num: NE2B
Question Text: Which village of the four villages mentioned in NE1 is the worst in terms of village leadership?

Unique Values = 20

<u>Value</u>	<u>Description</u>
51-66	village ID code
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	96	3.34
52	21	0.73
53	102	3.55
54	168	5.85
55	5	0.17
56	23	0.80
57	175	6.10
58	48	1.67
59	172	5.99
60	228	7.94
61	169	5.89
62	111	3.87
63	201	7.00
64	213	7.42
65	227	7.91
66	44	1.53
.a	1	0.03
.b	378	13.17
.c	484	16.86
.y	4	0.14
	= 2870	100.00

Valid cases = 1140

Missing cases = 1730

Variable Name: ne2a_4
Label: best vlg in natural resources
Type: N
Position: 12
Survey/Derived: S
Question Num: NE2A
Question Text: Which village of the four villages mentioned in NE1 is the best in terms of natural resources (water, fertility of soil)?

Unique Values = 20

<u>Value</u>	<u>Description</u>
51-66	village ID code
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	78	2.72
52	22	0.77
53	141	4.91
54	176	6.13
55	13	0.45
56	44	1.53
57	197	6.86
58	60	2.09
59	214	7.46
60	208	7.25
61	218	7.60
62	134	4.67
63	172	5.99
64	216	7.53
65	332	11.57
66	31	1.08
.a	1	0.03
.b	211	7.35
.c	400	13.94
.y	2	0.07
	= 2870	100.00

Valid cases = 2256

Missing cases = 614

Variable Name: ne2b_4
Label: worst vlg in natural resources
Type: N
Position: 13
Survey/Derived: S
Question Num: NE2B
Question Text: Which village of the four villages mentioned in NE1 is the worst in terms of natural resources (water, fertility of soil)?

Unique Values = 20

<u>Value</u>	<u>Description</u>
51-66	village ID code
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	25	0.87
52	14	0.49
53	61	2.13
54	72	2.51
55	6	0.21
56	18	0.63
57	150	5.23
58	16	0.56
59	98	3.41
60	137	4.77
61	128	4.46
62	81	2.82
63	132	4.60
64	107	3.73
65	209	7.28
66	37	1.29
.a	3	0.10
.b	905	31.53
.c	667	23.24
.y	4	0.14
	= 2870	100.00

Valid cases = 1291

Missing cases = 1579

Variable Name: ne2a_5

Label: best vlg in standard of living
 Type: N
 Position: 14
 Survey/Derived: S
 Question Num: NE2A
 Question Text: Which village of the four villages mentioned in NE1 is the best in terms of standard of living?

Unique Values = 20

<u>Value</u>	<u>Description</u>
51-66	village ID code
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	50	1.74
52	9	0.31
53	103	3.59
54	179	6.24
55	19	0.66
56	26	0.91
57	237	8.26
58	28	0.98
59	260	9.06
60	231	8.05
61	210	7.32
62	120	4.18
63	157	5.47
64	186	6.48
65	437	15.23
66	19	0.66
.b	186	6.48
.c	410	14.29
.x	1	0.03
.y	2	0.07
	= 2870	100.00

Valid cases = 2272

Missing cases = 598

Variable Name: ne2b_5
Label: worst vlg in standard of living
Type: N
Position: 15
Survey/Derived: S
Question Num: NE2B
Question Text: Which village of the four villages mentioned in NE1 is the worst in terms of standard of living?

Unique Values = 19

<u>Value</u>	<u>Description</u>
51-66	village ID code
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
51	105	3.66
52	23	0.80
53	111	3.87
54	135	4.70
55	30	1.05
56	154	5.37
57	39	1.36
58	178	6.20
59	198	6.90
60	145	5.05
61	119	4.15
62	215	7.49
63	166	5.78
64	263	9.16
65	48	1.67
66	1	0.03
.a	433	15.09
.b	505	17.60
.c	2	0.07
.y	-----	-----
	= 2870	100.00

Valid cases = 1929

Missing cases = 941

Variable Name: ne4
Label: reasons of difference
Type: C
Position: 16
Survey/Derived: S
Question Num: NE4
Question Text: In general, what do you think is the reason that these four villages are different? (If the respondent makes specific comments about the various villages please record them in the space for the village below.)

Unique Values / Codes	
Unique values = 1689	
Unique missing data codes = 2	
Valid cases = 21871	Missing cases: DK(don't know)=15 MI(missing value)=684

Variable Name: ne4a
 Label: comment about Village #1
 Type: C
 Position: 17
 Survey/Derived: S
 Question Num: NE4A
 Question Text: Comments about Village #1

Unique Values / Codes	
Unique values = 2184 Unique missing data codes = 2	
Valid cases = 2419	Missing cases: DK(don't know)=36 NA(not applicable)=684

Variable Name: ne4b
 Label: comment about Village #2
 Type: C
 Position: 18
 Survey/Derived: S
 Question Num: NE4B
 Question Text: Comments about Village #2

Unique Values / Codes	
Unique values = 2121 Unique missing data codes = 2	
Valid cases = 2361	Missing cases: DK(don't know)=41 NA(not applicable)=468

Variable Name: ne4c
 Label: comment about Village #3
 Type: C
 Position: 19
 Survey/Derived: S
 Question Num: NE4C
 Question Text: Comments about Village #3

Unique Values / Codes	
Unique values = 2115 Unique missing data codes = 2	
Valid cases = 2342	Missing cases: DK(don't know)=45 NA(not applicable)=483

Variable Name: ne4d
Label: comment about Village #4
Type: C
Position: 20
Survey/Derived: S
Question Num: NE4D
Question Text: Comments about Village #4

Unique Values / Codes	
Unique values = 2104 Unique missing data codes = 3	
Valid cases = 2333	Missing cases: DK(don't know) = 43 NA(not applicable) = 492 RF(refuse to answer) = 2

Section IV: Household Composition (1)

Data set name: j04.dta
 Case count: 2,870
 Variable count: 2
 Size: 48,790 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: hc1
 Label: total household members
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: HC1
 Question Text: Total number of household members (Enumerator answer this question after you have found out about all of the household members)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-17	number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	17	4.57108	1.96102

Valid cases = 2870

Missing cases = 0

Section IV: Household Composition (2)

Data set name: j05.dta
 Case count: 13,119
 Variable count: 12
 Size: 970,806 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 13119	Missing cases = 0

Variable Name: hc0
 Label: household member line# ID
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text: # of household member

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-17	Household member line # id

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2870	21.88
2	2802	21.36
3	2528	19.27
4	2057	15.68
5	1317	10.04
6	716	5.46
7	371	2.83
8	192	1.46
9	110	0.84
10	61	0.46
11	40	0.30
12	25	0.19
13	13	0.10
14	9	0.07
15	4	0.03
16	3	0.02
17	1	0.01
	----- = 13119	----- 100.00

Valid cases = 13119

Missing cases = 0

*Note: HC0 in the data file is "Household Member Line # ID", but in the survey questionnaire, it is "Start Time".

Variable Name: hc3
 Label: relationship to household head
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: HC3
 Question Text: How is ____ related to the household head?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	head
3	spouse
5	brother or sister
7	son or daughter
9	son in law or daughter in law
11	grandchild
13	parent
15	other relation and household member (specify) HC3O
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2851	21.73
3	2278	17.36
5	141	1.07
7	5138	39.16
9	607	4.63
11	1723	13.13
13	219	1.67
15	147	1.12
.y	15	0.11
	-----	-----
	= 13119	100.00

Valid cases = 13104

Missing cases = 15

Variable Name: hc3o
 Label: other of hc3
 Type: C
 Position: 4
 Survey/Derived: S
 Question Num: HC3
 Question Text: Other relation and household member (specify)

Unique Values / Codes	
Unique values = 71 Unique missing data codes = 1	
Valid cases = 139	Missing cases: NA(not applicable) = 12980

Variable Name: hc4
Label: sex of household member
Type: N
Position: 5
Survey/Derived: S
Question Num: HC4
Question Text: Record the sex of each house hold member

Unique Values = 2	
<u>Value</u>	<u>Description</u>
1	male
3	female

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	6415	48.90
3	6704	51.10
	-----	-----
	= 13119	100.00

Valid cases = 13119

Missing cases = 0

Variable Name: hc5
Label: age on last birthday
Type: N
Position: 6
Survey/Derived: S
Question Num: HC5
Question Text: How old was ___ on their last birthday? (If 3 years of age or less, skip to the next person.)

Unique Values = 99	
<u>Value</u>	<u>Description</u>
1-103	age
.a	refuse to answer
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1-95	13093	99.80
101	1	0.01
103	1	0.01
.a	1	0.01
.c	4	0.03
.y	19	0.14
	-----	-----
	= 13119	100.00

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	103	30.57992	20.6877

Valid cases = 13119

Missing cases = 0

Variable Name: hc6
Label: whether currently in school
Type: N
Position: 7
Survey/Derived: S
Question Num: HC6
Question Text: Is ____ in school now?

Unique Values = 4

<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	3349	25.53
3	9649	73.55
.y	121	0.92
	-----	-----
	= 13119	100.00

Valid cases = 12998

Missing cases = 121

Variable Name: hc7
Label: highest grade completed
Type: N
Position: 8
Survey/Derived: S
Question Num: HC7
Question Text: What is the highest grade of school that ____ has completed?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	no school
3	P.1
5	P.2
7	P.3
9	P.4
11	P.5
13	P.6
15	P.7
17	M or MS 1
19	M or MS 2
21	M or MS 3
23	M or MS 4
25	M or MS 5
27	M or MS 6
29	M or MS 7
31	M or MS 8
33	PWC1
35	PWC 2
37	PWC 3
39	PWS 1
41	PWS 2
43	PWT 1
45	PWT 2
47	Univ. 1
49	Univ. 2
51	Univ. 3
53	Univ. 4
55	other
.b	don't know
.c	not applicable
.y	missing value

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	932	7.10
3	380	2.90
5	502	3.83
7	445	3.39
9	4625	35.25
11	366	2.79
13	1981	15.10
15	95	0.72
17	238	1.81
19	307	2.34
21	808	6.16
23	100	0.76
25	112	0.85
27	309	2.36
29	2	0.02
33	30	0.23
35	43	0.33
37	129	0.98
39	25	0.19
41	80	0.61
43	2	0.02
45	9	0.07
47	25	0.19
49	31	0.24
51	27	0.21
53	103	0.79
55	385	2.93
.b	13	0.10
.c	72	0.55
.y	943	7.19
	-----	-----
	= 13119	100.00

Valid cases = 11706

Missing cases = 1413

Variable Name: hc7oth
 Label: other of hc7
 Type: C
 Position: 9
 Survey/Derived: S
 Question Num: HC7
 Question Text: Grade: other

Unique Values / Codes	
Unique values = 71 Unique missing data codes = 1	
Valid cases = 345	Missing cases = 12774

Variable Name: hc8
 Label: educational system
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: HC8
 Question Text: What system of grades was in place when ____ went to school?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	either old system
3	new system
5	temple
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	5309	40.47
3	5809	44.28
5	40	0.30
.x	371	2.83
.y	1590	12.12
	-----	-----
	= 13119	100.00

Valid cases = 11158

Missing cases = 1961

Variable Name: hc9
 Label: whether received adult education
 Type: N
 Position: 11
 Survey/Derived: S
 Question Num: HC9
 Question Text: Has ____ received any adult education?

Unique Values = 4	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	534	4.07
3	11502	87.67
.y	1083	8.26
	-----	-----
	= 13119	100.00

Valid cases = 12036

Missing cases = 1083

Variable Name: hc10
Label: whether received other training
Type: N
Position: 12
Survey/Derived: S
Question Num: HC10
Question Text: Besides formal schooling has ____ received any training?

Unique Values =	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2750	20.96
3	9284	70.77
.y	1085	8.27
	-----	-----
	= 13119	100.00

Valid cases = 12034

Missing cases = 1085

Section V: Occupation

Data set name: j07tab.dta
 Observations: 10,608
 Variable count: 14
 Size: 2,015,520 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 10608	Missing cases = 0

Variable Name: oc1
 Label: order # of occupation
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-16	number

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2875	27.10
2	2755	25.97
3	2114	19.93
4	1413	13.32
5	729	6.87
6	367	3.46
7	173	1.63
8	79	0.74
9	45	0.42
10	26	0.25
11	14	0.13
12	10	0.09
13	2	0.02
14	4	0.04
15	1	0.01
16	1	0.01
	----- = 10608	----- 100.00

Valid cases = 10608

Missing cases = 0

Variable Name: oc1a
Label: primary occupation
Type: N
Position: 3
Survey/Derived: S
Question Num: OC1A
Question Text: What was ____'s primary occupation over the past 12 months?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive (or no secondary occupation)
3	in school
5	rice farmer
7	corn farmer
9	shrimp farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
27	construction work in another Changwat, not Bangkok
29	construction work in Bangkok
31	rice miller
33	shop keeper (thai says store owner)
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
43	nurse
45	teacher
47	policeman
49	government official
51	accountant
53	electrician
55	cleaner or janitor
57	trader
59	other(specify)
.b	don't know
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	2	0.02
1	1072	10.11
3	1832	17.27
5	3173	29.91
7	311	2.93
9	90	0.85
11	72	0.68
13	90	0.85
15	410	3.87
17	51	0.48
19	87	0.82
21	35	0.33
23	90	0.85
27	38	0.36
29	149	1.40
31	7	0.07
33	152	1.43
35	457	4.31
37	37	0.35
39	25	0.24
41	44	0.41
43	4	0.04
45	60	0.57
47	8	0.08
49	94	0.89
51	9	0.08
53	20	0.19
55	25	0.24
57	150	1.41
59	2002	18.87
.b	3	0.03
.x	4	0.04
.y	5	0.05
	----- = 10608	----- 100.00

Valid cases = 10608

Missing cases = 0

Variable Name: oc1ao
 Label: other of ocl a
 Type: C
 Position: 4
 Survey/Derived: S
 Question Num: OC1A
 Question Text: What was ____'s primary occupation over the past 12 months?
 59- other (specify)

Unique Values / Codes	
Unique values = 535 Unique missing data codes = 2	
Valid cases = 1965	Missing cases: NA(not applicable) = 8606 MI(missing value) = 37

Variable Name: oc1b
Label: type of worker (oc1b)
Type: N
Position: 5
Survey/Derived: S
Question Num: OC1B
Question Text: What type of worker is ___ in this job?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	owner of business
3	unpaid family worker
5	employee – daily wages
7	employee – monthly wages
9	employee – piece rate, in house
11	employee – piece rate, out of house
13	government worker
15	other (specify)
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2398	22.61
3	2999	28.27
5	1277	12.04
7	664	6.26
9	57	0.54
11	87	0.82
13	129	1.22
15	41	0.39
.b	2	0.02
.c	5	0.05
.x	5	0.05
.y	2944	27.75
	-----	-----
	= 10608	100.00

Valid cases = 7652

Missing cases = 2956

Variable Name: oc1both
Label: other of oc1b
Type: C
Position: 6
Survey/Derived: S
Question Num: OC1B
Question Text: What type of worker is ___ in this job?
 15- other (specify)

Unique Values / Codes	
Unique values = 27 Unique missing data codes = 2	
Valid cases = 35	Missing cases: NA(not applicable) = 10567 MI(missing value) = 6

Variable Name: oc1c
Label: daily wage
Type: N
Position: 7
Survey/Derived: S
Question Num: OC1C
Question Text: [For wage, salary and government workers only, OC1B=5,7 or 13] What is ___'s daily (or monthly, as applicable) wage in this job?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-58400	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	58400	2196.91	4039.2

Valid cases = 2031

Missing cases:
 .c (not applicable) = 8538
 .y (missing value) = 39

*Note: Skip this question if OC1B is NOT equal to 5, 7 or 13.

Variable Name: **oc1d**
Label: # of year at this occupation
Type: N
Position: 8
Survey/Derived: S
Question Num: OC1D
Question Text: For how many years has ___ been doing this type of work? (If someone says they have been doing this work since they were born, record their age minus 10 as the number of years).

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-83	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	83	18.6931	16.2664

Valid cases = 8218

Missing cases = 2390

Variable Name: **oc2a**
Label: secondary occupation
Type: N
Position: 9
Survey/Derived: S
Question Num: OC2A
Question Text: What was ___'s secondary occupation (if more than one secondary occupation, record the one that the person earned the most from over the past 12 months)?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive (or no secondary occupation)
3	in school
5	rice farmer
7	corn farmer
9	shrimp farmer
11	rasie fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
27	construction work in another Changwat, not Bangkok
29	construction work in Bangkok
31	rice miller
33	shop keeper (thai says store owner)
35	factory worker
37	mechanic
39	clerical work
41	administrative or managerial job
43	nurse
45	teacher
47	policeman

49	government official
51	accountant
53	electrician
55	cleaner or janitor
57	trader (in Thai can only be male)
59	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	41	0.39
1	5468	51.55
3	34	0.32
5	917	8.64
7	131	1.23
9	30	0.28
11	82	0.77
13	133	1.25
15	483	4.55
17	66	0.62
19	199	1.88
21	55	0.52
23	79	0.74
27	30	0.28
29	143	1.35
31	6	0.06
33	108	1.02
35	73	0.69
37	13	0.12
41	11	0.10
45	1	0.01
47	1	0.01
49	14	0.13
53	11	0.10
55	1	0.01
57	82	0.77
59	1473	13.89
.a	3	0.03
.b	5	0.05
.c	446	4.20
.x	7	0.07
.y	462	4.36
	-----	-----
	= 10608	100.00

Valid cases = 9685

Missing cases = 923

Variable Name: oc2ao
Label: other of oc2b
Type: C
Position: 10
Survey/Derived: S
Question Num: OC2A
Question Text: What was ____'s secondary occupation (if more than one secondary occupation, record the one that the person earned the most from over the past 12 months)?
 59- Other(specify)

Unique Values / Codes	
Unique values = 380 Unique missing data codes = 2	
Valid cases = 1428	Missing cases: NA(not applicable) = 9135 MI (missing value) = 45

Variable Name: oc2b
Label: type of worker (oc2b)
Type: N
Position: 11
Survey/Derived: S
Question Num: OC2B
Question Text: What type of worker is ____ in this job?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	owner of business
3	unpaid family worker
5	employee – daily wages
7	employee – monthly wages
9	employee – piece rate, in house
11	employee – piece rate, out of house
13	government worker
15	other (specify)
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1260	11.88
3	1581	14.90
5	931	8.78
7	92	0.87
9	43	0.41
11	133	1.25
13	12	0.11
15	26	0.25
.b	2	0.02
.c	3	0.03
.y	6525	61.51
	-----	-----
	= 10608	100.00

Valid cases = 4078

Missing cases = 6530

Variable Name: oc2bo
 Label: other of oc2b
 Type: C
 Position: 12
 Survey/Derived: S
 Question Num: OC2B
 Question Text: What type of worker is ____ in this job?
 15- other (specify)

Unique Values / Codes	
Unique values = 13 Unique missing value codes = 2	
Valid cases = 20	Missing cases: NA(not applicable) = 10582 MI(missing value) = 6

Variable Name: oc3
 Label: village position
 Type: C
 Position: 13
 Survey/Derived: S
 Question Num: OC3
 Question Text: Which of the following village positions does ____ hold? (record all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	no positions
B	headman
C	assistant headman
D	kamnan
E	assistant kamnan
F	PCG committee member
G	Rice Bank committee member

H	head of BAAC group
I	member of women's group committee
J	member of housewife's group committee
K	member of village committee
L	member of tambon committee
M	member of Marketing Demonstration Center committee
N	health volunteer
O	other (specify)
DK	don't know
NA	not applicable
MI	missing value

Unique values = 15 Unique missing data codes = 3	
Valid cases = 10275	Missing cases: DK (don't know) = 1 NA (not applicable) = 1 MI (missing value) = 331

Variable Name: oc3o
Label: other of oc3
Type: C
Position: 14
Survey/Derived: S
Question Num: OC3
Question Text: Other (specify)

Unique Values / Codes	
Unique values = 81 Unique missing data codes = 2	
Valid cases = 88	Missing cases: NA (not applicable) = 10507 MI (missing value) = 13

Section VI: Occupation History (1)

Data set name: j08.dta
 Case count: 2,870
 Variable count: 4
 Size: 507,990 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: oh5
 Label: consider changing but unable
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: OH5
 Question Text: Have you ever seriously considered changing your primary occupation (or the main crop that you grow) and been unable to do so?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	894	31.15
3	1957	68.19
.y	19	0.66
	-----	-----
	= 2870	100.00

Valid cases = 2851

Missing cases = 19

Variable Name: oh6a
 Label: why unable to change
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num: OH6A
 Question Text: (If yes to OH5) What occupation did you want to do? (or what crop did you want grow?)
 Why were you unable to change your occupation? (or why were you unable to change the crop that you grow?)

Unique Values / Codes	
Unique values = 867 Unique missing data code = 2	
Valid cases = 888	Missing cases: NA (not applicable) = 1976 MI (missing value) = 6

*skip this question if select "3 (no)" in OH5.

Variable Name: oh6b
 Label: reason about funds
 Type: C
 Position: 4
 Survey/Derived: S
 Question Num: OH6B
 Question Text: Probe about why they can't or do now want to borrow the necessary funds?

Unique Values / Codes	
Unique values = 1 Unique missing data code = 1	
Valid cases = 1	Missing cases = 2869

Section VI: Occupation History (2)

Data set name: j09.dta
 Case count: 10,585
 Variable count: 12
 Size: 1,090,255 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 10585	Missing cases = 0

Variable Name: oh0a
 Label: line # of household member
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: OH0A
 Question Text: Number

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-16	line number

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2872	27.13
2	2757	26.05
3	2107	19.91
4	1406	13.28
5	723	6.83
6	363	3.43
7	172	1.62
8	81	0.77
9	45	0.43
10	27	0.26
11	14	0.13
12	10	0.09
13	2	0.02
14	4	0.04
15	1	0.01
16	1	0.01
	0	
	-----	-----
	= 10585	100.00

Valid cases = 10585

Missing cases = 0

Variable Name: oh1

Label: have prior primary occupation
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: OH1
 Question Text: Has ___ had any other primary occupation besides the one they are doing now? (1=yes, 3=no, if no, skip to the next member of the household, if yes go to OH2A)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	3942	37.24
3	6613	62.48
.y	30	0.28
	-----	-----
	= 10585	100.00

Valid cases = 10555

Missing cases = 30

Variable Name: oh2a

Label: prior occupation #1
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: OH2A
 Question Text: What was ___ 's previous primary occupation?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive (or no secondary occupation)
3	in school
5	rice farmer
7	corn farmer
9	shrimp farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat

27	construction work in another Changwat, not Bangkok
29	construction work in Bangkok
31	rice miller
33	shop keeper
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
43	nurse
45	teacher
49	government official
51	accountant
53	electrician
55	cleaner or janitor
57	trader (in Thai can only be male)
59	other (specify)
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	3	0.03
1	16	0.15
3	113	1.07
5	1653	15.62
7	401	3.79
9	8	0.08
11	13	0.12
13	41	0.39
15	141	1.33
17	13	0.12
19	26	0.25
21	14	0.13
23	27	0.26
27	19	0.18
29	55	0.52
31	6	0.06
33	34	0.32
35	199	1.88
37	12	0.11
39	8	0.08
41	25	0.24
43	1	0.01
45	9	0.09
49	36	0.34
51	5	0.05
53	12	0.11
55	29	0.27
57	83	0.78
59	935	8.83
.b	10	0.09
.c	6613	62.48
.y	25	0.24
	-----	-----
	= 10585	100.00

Valid cases = 3937

Missing cases = 6648

*Note: Skip this question if select "3 (no)" in question OH1.

Variable Name: oh2aoh
Label: other of oh2a
Type: C
Position: 5
Survey/Derived: S
Question Num: OH2A
Question Text: What was ____ 's previous primary occupation?
 59- Other (specify)

Unique Values / Codes	
Unique values = 367 Unique missing data codes = 2	
Valid cases = 901	Missing cases = 9684 NA (not applicable) = 9650 MI (missing value) = 34

*Note: Skip this question if select "3 (no)" in question OH1 or NOT select "59 (other)" in oh2a.

Variable Name: oh2b
Label: years at this occupation(oh2b)
Type: N
Position: 6
Survey/Derived: S
Question Num: OH2B
Question Text: For how many years was this your primary occupation?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-87	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	87	20.4139	17.2996

Valid cases = 3904

Missing cases = 6681

*Note: Skip this question if select "3 (no)" in question OH1.

Variable Name: oh3a
Label: prior occupation #2
Type: N
Position: 7
Survey/Derived: S
Question Num: OH3A
Question Text: What was ____'s primary occupation before that?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive (or no secondary occupation)
3	in school
5	rice farmer
7	corn farmer
9	shrimp farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
27	construction work in another Changwat, not Bangkok
29	construction work in Bangkok
31	rice miller
33	shop keeper
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
45	teacher
49	government official
51	accountant
53	electrician
55	cleaner or janitor
57	trader (in Thai can only be male)
59	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	2409	22.76
1	93	0.88
3	328	3.10
5	385	3.64
7	79	0.75
9	2	0.02
13	19	0.18
15	45	0.43
17	9	0.09
19	8	0.08
21	1	0.01
23	5	0.05
27	2	0.02
29	19	0.18
31	1	0.01
33	4	0.04
35	38	0.36
37	4	0.04
41	5	0.05
45	6	0.06
49	4	0.04
53	6	0.06
55	3	0.03
57	22	0.21
59	283	2.67
.a	1	0.01
.b	12	0.11
.c	6642	62.75
.y	150	1.42
	= 10585	100.00

Valid cases = 3780

Missing cases = 6805

*Note: Skip this question if select "3 (no)" in question OH1.

Variable Name: oh3aoth
Label: other of oh3a
Type: C
Position: 8
Survey/Derived: S
Question Num: OH3A
Question Text: What was ____'s primary occupation before that?
 59 — other (specify)

Unique Values / Codes	
Unique values = 147	
Unique missing data codes = 2	
Valid cases = 275	Missing cases: NA (not applicable) = 10302 MI (missing value) = 8

*Note: Skip this question if select "3 (no)" in question OH1.

Variable Name: oh3b
 Label: years at this occupation(oh3b)
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: OH3B
 Question Text: For how many years, was this your primary occupation?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-64	Number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	64	11.7941	10.6513

Valid cases = 1190

Missing cases = 9395

*Note: Skip this question if select "3 (no)" in question OH1.

Variable Name: oh4a
 Label: prior occupation #3
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: OH4A
 Question Text: What was ___'s primary occupation before that?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive (or no secondary occupation)
3	in school
5	rice farmer
7	corn farmer
9	shrimp farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck:
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
27	construction work in another Changwat, not Bangkok
29	construction work in Bangkok
31	rice miller
33	shop keeper (thai says store owner)
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
43	nurse
45	teacher
47	policeman
49	government official
51	accountant
53	electrician
55	cleaner or janitor
57	trader (in Thai can only be male)
59	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	825	7.79
1	25	0.24
3	82	0.77
5	67	0.63
7	10	0.09
9	1	0.01
13	3	0.03
15	4	0.04
19	2	0.02
23	1	0.01
27	2	0.02
29	2	0.02
31	1	0.01
35	10	0.09
37	2	0.02
39	2	0.02
41	3	0.03
57	2	0.02
59	82	0.77
.a	1	0.01
.b	13	0.12
.c	9150	86.44
.y	295	2.79
	----- = 10585	----- 100.00

Valid cases = 1126

Missing cases = 9459

*Note: Skip this question if select "3 (no)" in question OH1.

Variable Name: oh4aoth
Label: other of oh4a
Type: C
Position: 11
Survey/Derived: S
Question Num: OH4A
Question Text: What was ___'s primary occupation before that?
 59 – other (specify)

Unique Values / Codes	
Unique values = 57	
Unique missing data codes = 2	
Valid cases = 78	Missing cases: NA (not applicable) = 10503 MI (missing value) = 4

Variable Name: oh4b
Label: years at this occupation(oh4b)
Type: N
Position: 12
Survey/Derived: S
Question Num: OH4B
Question Text: For how many years was this your primary occupation?

Unique Values / Codes	
No observations.	
Valid cases = 0	Missing cases = 10585

*Note: Skip this question if select "3 (no)" in question OH1.

Section VII: Children Living Outside the House (1)

Data set name: j11.dta
 Case count: 2,870
 Variable count: 2
 Size: 48,790 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: kh1
 Label: # of children living outside
 Type: N
 Position: 1
 Survey/Derived: S
 Question Num: KH1
 Question Text: How many children of the head and/or the spouse live outside the house? (If none skip to RP0)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-12	Number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	12	1.94599	2.33979

Valid cases = 2870

Missing cases = 0

Section VII: Children Living Outside the House (2)

Data set name: j11tab.dta
 Case count: 5,585
 Variable count: 15
 Size: 580,840 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 1649	
Valid cases = 5585	Missing cases = 0

Variable Name: khid
 Label: line # ID of children
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text: Line number ID of children

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-10	Line # ID of children included in the household roster
95	Line # ID of children living outside the house
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	26	0.47
2	27	0.48
3	49	0.88
4	37	0.66
5	24	0.43
6	13	0.23
7	8	0.14
8	3	0.05
9	2	0.04
10	1	0.02
95	5380	96.33
.x	1	0.02
.y	14	0.25
	-----	-----
	5585	100.00

Valid cases = 5570

Missing cases = 15

Variable Name: kh4
 Label: age of children outside
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: KH4
 Question Text: What was ___'s age at their last birthday?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-75	age
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	75	31.5277	9.32738

Valid cases = 5486

Missing cases = 99

*Note: Skip this question if KH1=0.

Variable Name: kh4a
 Label: sex of children outside
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: KH4A
 Question Text: What is ___'s sex?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	male
3	female
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2803	50.19
3	2711	48.54
.x	1	0.02
.y	70	1.25
	-----	-----
	= 5585	100.00

Valid cases = 5514

Missing cases = 71

*Note: Skip this question if KH1=0.

Variable Name: kh5
Label: highest school completed
Type: N
Position: 5
Survey/Derived: S
Question Num: KH5
Question Text: What is the highest grade of school that ____ has completed?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	no school
3	P.1
5	P.2
7	P.3
9	P.4
11	P.5
13	P.6
15	P.7
17	M or MS 1
19	M or MS 2
21	M or MS 3
23	M or MS 4
25	M or MS 5
27	M or MS 6
29	M or MS 7
31	M or MS 8
33	PWC 1
35	PWC 2
37	PWC 3
39	PWS 1
41	PWS 2
43	PWT 1
45	PWT 2
47	Univ. 1
49	Univ. 2
51	Univ. 3
53	Univ. 4
55	other
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	114	2.04
3	56	1.00
5	71	1.27
7	57	1.02
9	2,527	45.25
11	85	1.52
13	1,455	26.05
15	55	0.98
17	15	0.27
19	42	0.75
21	387	6.93
23	14	0.25
25	41	0.73
27	227	4.06
31	2	0.04
33	2	0.04
35	3	0.05
37	74	1.32
39	3	0.05
41	62	1.11
43	1	0.02
45	9	0.16
47	16	0.29
49	26	0.47
51	9	0.16
53	111	1.99
55	42	0.75
.b	5	0.09
.c	3	0.05
.x	6	0.11
.y	65	1.16
	5585	100.00

Valid cases = 5506

Missing cases = 79

*Note: Skip this question if KH1=0.

Variable Name: kh5ot
Label: other of kh5
Type: C
Position: 6
Survey/Derived: S
Question Num: KH5
Question Text: What is the highest grade of school that ___ has completed?
 53- Other

Unique Values / Codes	
Unique values = 27 Unique missing data codes = 2	
Valid cases = 39	Missing cases: NA (not applicable) = 5435 MI (missing value) = 111

*Note: Skip this question if KH1 = 0, or KH5 != 53(other).

Variable Name: kh6
Label: primary occupation
Type: N
Position: 7
Survey/Derived: S
Question Num: KH6
Question Text: What is ___'s primary occupation?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive (or no secondary occupation)
3	in school
5	rice farmer
7	corn farmer
9	shrimp farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
27	construction work in another Changwat, not Bangkok
29	construction work in Bangkok
31	rice miller
33	shop keeper
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
43	nurse
45	teacher
47	policeman
49	government official
51	accountant
53	electrician
55	cleaner or janitor
57	trader
59	other (specify)
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	159	2.85
3	100	1.79
5	1319	23.62
7	104	1.86
9	37	0.66
11	25	0.45
13	68	1.22
15	78	1.40
17	14	0.25
19	17	0.30
21	17	0.30
23	44	0.79
27	57	1.02
29	202	3.62
31	2	0.04
33	83	1.49
35	837	14.99
37	77	1.38
39	54	0.97
41	128	2.29
43	23	0.41
45	48	0.86
47	28	0.50
49	132	2.36
51	18	0.32
53	37	0.66
55	55	0.98
57	232	4.15
59	1470	26.32
.b	44	0.79
.c	5	0.09
.x	4	0.07
.y	67	1.20
	= 5585	100.00

Valid cases = 5465

Missing cases = 120

*Note: Skip this question if KH1=0.

Variable Name: kh6o
Label: other of kh6o
Type: C
Position: 8
Survey/Derived: S
Question Num: KH6
Question Text: What is ___'s primary occupation?
 59- other (specify)

Unique Values / Codes	
Unique values = 525 Unique missing data codes = 2	
Valid cases = 1426	Missing cases: NA (not applicable) = 4115 MI (missing data) = 44

*Note: Skip this question if KH1=0.

Variable Name: kh7
Label: type of worker
Type: N
Position: 9
Survey/Derived: S
Question Num: KH7
Question Text: What type of worker are they in this job?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	owner of business
3	unpaid family worker
5	employee - daily wages
7	employee - monthly wages
9	employee - piece rate, in house
11	employee - piece rate, out of house
13	government worker
15	other (specify)
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1880	33.66
3	380	6.80
5	1127	20.18
7	1473	26.37
9	38	0.68
11	74	1.32
13	163	2.92
15	36	0.64
.b	45	0.81
.c	1	0.02
.x	2	0.04
.y	366	6.55
	-----	-----
	= 5585	100.00

Valid cases = 5171

Missing cases = 414

*Note: Skip this question if KH1=0.

Variable Name: kh7o
Label: other of kh7
Type: C
Position: 10
Survey/Derived: S
Question Num: KH7
Question Text: What type of worker are they in this job?
 15 – other (specify)

Unique Values / Codes	
Unique values = 25 Unique missing data codes = 2	
Valid cases = 33	Missing cases: NA (not applicable) = 5477 MI (missing value) = 75

*Note: Skip this question if KH1=0.

Variable Name: kh8
Label: location of residence
Type: N
Position: 11
Survey/Derived: S
Question Num: KH8
Question Text: Where does ____ live?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-80	codes from CHANGWAT (get these from SES or CDD)
95	? (suspicious value)
.b	don't know
.c	not applicable
.y	missing value

	Frequency	
<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	2	0.04
2	15	0.27
3	10	0.18
4	11	0.20
5	18	0.32
6	26	0.47
7	820	14.68
8	135	2.42
9	10	0.18
10	18	0.32
11	16	0.29
12	8	0.14
13	12	0.21
14	3	0.05
15	3	0.05
16	1	0.02
17	8	0.14
18	7	0.13
19	28	0.50
20	2	0.04
21	63	1.13
22	8	0.14
23	14	0.25
24	28	0.50
25	7	0.13
27	613	10.98
28	32	0.57
29	11	0.20
30	37	0.66
31	3	0.05
33	31	0.56
34	1	0.02
36	5	0.09
37	7	0.13
38	6	0.11
39	21	0.38
40	3	0.05
41	18	0.32
42	11	0.20
44	1	0.02
45	17	0.30
47	42	0.75
48	13	0.23
49	604	10.81
50	2	0.04
51	3	0.05
52	5	0.09
53	579	10.37
54	6	0.11
55	9	0.16
56	1	0.02
57	81	1.45
58	4	0.07
59	19	0.34
60	67	1.20

61	14	0.25
62	9	0.16
63	9	0.16
64	22	0.39
65	43	0.77
66	3	0.05
67	8	0.14
68	9	0.16
69	1	0.02
70	4	0.07
71	43	0.77
72	5	0.09
73	10	0.18
74	20	0.36
75	1779	31.85
76	1	0.02
80	37	0.66
95	2	0.04
.b	18	0.32
.c	8	0.14
.y	15	0.27
	-----	-----
	= 5585	100.00

Valid cases = 5544

Missing cases = 41

*Note: Skip this question if KH1=0.

Variable Name: kh9

Label: how many times money received

Type: N

Position: 12

Survey/Derived: S

Question Num: KH9

Question Text: How many times did ___ send you money during the past 12 months?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-75	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	75	1.91882	4.21554

Valid cases = 5445

Missing cases = 140

*Note: Skip this question if KH1=0.

Variable Name: kh10
 Label: amount of money received
 Type: N
 Position: 13
 Survey/Derived: S
 Question Num: KH10
 Question Text: Approximately how much money did __ send you in total over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-490000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	490000	8080.38	21133.9

Valid cases = 2366

Missing cases = 3219

*Note: Skip this question if KH1=0.

Variable Name: kh11
 Label: how many times money sent
 Type: N
 Position: 14
 Survey/Derived: S
 Question Num: KH11
 Question Text: How many times did you send ___ money during the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-52	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	52	.203252	1.84571

Valid cases = 5535

Missing cases = 50

*Note: Skip this question if KH1=0.

Variable Name: kh12
 Label: amount of money sent
 Type: N
 Position: 15
 Survey/Derived: S
 Question Num: KH12
 Question Text: Approximately how much money did you send ___ in total over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-500000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	500000	19691.9	47223.9

Valid cases = 274

Missing cases = 5311

*Note: Skip this question if KH1=0.

Section VIII: Residential Patterns (1)

Data set name: j12.dta
 Case count: 2,870
 Variable count: 23
 Size: 109,060 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: rp01
 Label: marital status of head (not in quex.)
 Type: N
 Position: 2
 Survey/Derived:
 Question Num:
 Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	never married
3	married
5	separated
7	divorced
9	widowed
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	58	2.02
3	2259	78.71
5	61	2.13
7	43	1.50
9	446	15.54
.c	1	0.03
.y	2	0.07
	-----	-----
	= 2870	100.00

Valid cases = 2867

Missing cases = 3

*Note: There is no question text for this variable in the survey questionnaire.

Variable Name: rp9
 Label: rice to head/parents
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: RP9
 Question Text: [Ask if the head or the spouse's mother and/or father are alive and are living outside the tambon. Otherwise skip to RP15.] In the past 12 months, have you or anyone in your house shared rice with the head or spouse's parents?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	397	13.83
3	437	15.23
.y	2036	70.94
	-----	-----
	= 2870	100.00

Valid cases = 834

Missing cases = 2036

Variable Name: rp10
 Label: rice from head/parents
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: RP10
 Question Text: [Ask if the head or the spouse's mother and/or father are alive and are living outside the tambon. Otherwise skip to RP15.] In the past 12 months, have the head or spouse's parents shared rice with or anyone else in your household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	347	12.09
3	487	16.97
.y	2036	70.94
	-----	-----
	= 2870	100.00

Valid cases = 834

Missing cases = 2036

Variable Name: rp11
 Label: free labor to head/parents
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: RP11
 Question Text: [Ask if the head or the spouse's mother and/or father are alive and are living outside the tambon. Otherwise skip to RP15.] In the past 12 months, have you or anyone in your household helped the head or the spouse's parents with free labor?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	365	12.72
3	469	16.34
.y	2036	70.94
	-----	-----
	= 2870	100.00

Valid cases = 834

Missing cases = 2036

Variable Name: rp12
 Label: free labor from head/parents
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: RP12
 Question Text: [Ask if the head or the spouse's mother and/or father are alive and are living outside the tambon. Otherwise skip to RP15.] In the past 12 months, have the head or spouse's parents helped you or anyone in your household with free labor?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	288	10.03
3	545	18.99
.y	2037	70.98
	-----	-----
	= 2870	100.00

Valid cases = 833

Missing cases = 2037

Variable Name: rp13
 Label: money to head/parents
 Type: N
 Position: 7
 Survey/Derived: S
 Question Num: RP13
 Question Text: [Ask if the head or the spouse's mother and/or father are alive and are living outside the tambon. Otherwise skip to RP15.] In the past 12 months, have you or anyone in your household helped the head or spouse's parents with money?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	431	15.02
3	403	14.04
.y	2036	70.94
	-----	-----
	= 2870	100.00

Valid cases = 834

Missing cases = 2036

Variable Name: rp14
 Label: money from head/parents
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: RP14
 Question Text: [Ask if the head or the spouse's mother and/or father are alive and are living outside the tambon. Otherwise skip to RP15.] In the past 12 months, have the head or spouse's parents helped you or anyone in your household with money?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	313	10.91
3	521	18.15
.y	2036	70.94
	-----	-----
	= 2870	100.00

Valid cases = 834

Missing cases = 2036

Variable Name: rp15
 Label: rice to relatives
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: RP15
 Question Text: [Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22.] In the past 12 months, has anyone in your house shared rice with anyone of the relatives who were mentioned above who live in the village or the tambon?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1726	60.14
3	831	28.95
.y	313	10.91
	-----	-----
	= 2870	100.00

Valid cases = 2557

Missing cases = 313

Variable Name: rp16
 Label: rice from relatives
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: RP16
 Question Text: [Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22.] In the past 12 months, have any of the relatives who were mentioned above and who live in the village or tambon shared rice with any of the people who live in the house?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1701	59.27
3	854	29.76
.y	315	10.98
	-----	-----
	= 2870	100.00

Valid cases = 2555

Missing cases = 315

Variable Name: rp17

Label: label exchange with relatives

Type: N

Position: 11

Survey/Derived: S

Question Num: RP17

Question Text: [Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22.] In the past 12 months, has anyone in your house done labor exchange with any of the relatives who were mentioned above and who live in the village or tambon?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1850	64.46
3	707	24.63
.y	313	10.91
	-----	-----
	= 2870	100.00

Valid cases = 2557

Missing cases = 313

Variable Name: **rp18**
 Label: equipment to relatives
 Type: N
 Position: 12
 Survey/Derived: S
 Question Num: RP18
 Question Text: [Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22.] In the past 12 months, has anyone in your house let any of the relatives who were mentioned above and who live in the village or tambon use farm equipment owned by people in this house for free?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1326	46.20
3	1229	42.82
.y	315	10.98
	-----	-----
	= 2870	100.00

Valid cases = 2555

Missing cases = 315

Variable Name: **rp19**
 Label: equipment from relatives
 Type: N
 Position: 13
 Survey/Derived: S
 Question Num: RP19
 Question Text: [Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22.] In the past 12 months, has anyone in your house gotten free use of farm equipment owned by the relatives who were mentioned above and who live in the village or tambon?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1238	43.14
3	1317	45.89
.x	1	0.03
.y	314	10.94
	-----	-----
	= 2870	100.00

Valid cases = 2555

Missing cases = 315

Variable Name: rp20
Label: money to relatives
Type: N
Position: 14
Survey/Derived: S
Question Num: RP20
Question Text: [Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22.] In the past 12 months, has anyone in your house helped any of the relatives who were mentioned above and who live in the village or tambon with money?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1312	45.71
3	1244	43.34
.y	314	10.94
	-----	-----
	= 2870	100.00

Valid cases = 2556

Missing cases = 314

Variable Name: rp21
Label: money from relatives
Type: N
Position: 15
Survey/Derived: S
Question Num: RP21
Question Text: [Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22.] In the past 12 months have any of the relatives who were mentioned above and who live in the village or tambon helped anyone in this house with money?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1381	48.12
3	1175	40.94
.y	314	10.94
	-----	-----
	= 2870	100.00

Valid cases = 2556

Missing cases = 314

Variable Name: rp22
Label: rice to non-relatives
Type: N
Position: 16
Survey/Derived: S
Question Num: RP22
Question Text: In the past 12 months, have you or anyone in your household shared rice with non-relatives in the village or the tambon?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1682	58.61
3	1187	41.36
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2869

Missing cases = 1

Variable Name: rp23
 Label: rice from non-relatives
 Type: N
 Position: 17
 Survey/Derived: S
 Question Num: RP23
 Question Text: In the past 12 months, have any non-relatives in the village or the tambon shared rice with you or anyone else in your household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1615	56.27
3	1252	43.62
.y	3	0.10
	-----	-----
	= 2870	100.00

Valid cases = 2867

Missing cases = 3

Variable Name: rp24
 Label: free labor to non-relatives
 Type: N
 Position: 18
 Survey/Derived: S
 Question Num: RP24
 Question Text: In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with free labor?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1935	67.42
3	934	32.54
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2869

Missing cases = 1

Variable Name: rp25
Label: free labor from non-relatives
Type: N
Position: 19
Survey/Derived: S
Question Num: RP25
Question Text: In the past 12 months, have any non-relatives in the village or the tambon helped you or anyone else in your household with free labor?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1906	66.41
3	962	33.52
.y	2	0.07
	-----	-----
	= 2870	100.00

Valid cases = 2868

Missing cases = 2

Variable Name: rp26
Label: equipment to non-relatives
Type: N
Position: 20
Survey/Derived: S
Question Num: RP26
Question Text: In the past 12 months, have you or anyone in your household let non-relatives in the village or the tambon use farm equipment for free?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1199	41.78
3	1668	58.12
.y	3	0.10
	-----	-----
	= 2870	100.00

Valid cases = 2867

Missing cases = 3

Variable Name: rp27
Label: equipment from non-relatives
Type: N
Position: 21
Survey/Derived: S
Question Num: RP27
Question Text: In the past 12 months, have any non-relatives in the village or the tambon let you or anyone else in your household use farm equipment for free?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1194	41.60
3	1673	58.29
.y	3	0.10
	-----	-----
	= 2870	100.00

Valid cases = 2867

Missing cases = 3

Variable Name: rp28
Label: money to non-relatives
Type: N
Position: 22
Survey/Derived: S
Question Num: RP28
Question Text: In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with money?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1137	39.62
3	1731	60.31
.y	2	0.07
	-----	-----
	= 2870	100.00

Valid cases = 2868

Missing cases = 2

Variable Name: rp29
Label: money from non-relatives
Type: N
Position: 23
Survey/Derived: S
Question Num: RP29
Question Text: In the past 12 months, have any non-relatives in the village or the tambon helped you or anyone else in your household with money?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1155	40.24
3	1713	59.69
.y	2	0.07
	-----	-----
	= 2870	100.00

Valid cases = 2868

Missing cases = 2

Section VIII: Residential Patterns (2)

Data set name: j12tab.dta
 Case count: 40,180
 Variable count: 6
 Size: 843,780 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: rpid
 Label: relatives of head or spouse
 Type: N
 Position: 2
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	head's mother
2	head's father
3	head's sons
4	head's daughters
5	head's older brothers
6	head's younger brothers
7	head's older sisters
8	head's younger sisters
9	spouse's mother
10	spouse's father
11	spouse's older brothers
12	spouse's younger brothers
13	spouse's older sisters
14	spouse's younger sisters
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2870	7.21
2	2869	7.21
3	2869	7.21
4	2869	7.21
5	2869	7.21
6	2869	7.21
7	2869	7.21
8	2869	7.21
9	2805	7.05
10	2806	7.05
11	2806	7.05
12	2806	7.05
13	2806	7.05
14	2806	7.05
.y	392	-----
	-----	100.00
	= 40180	

Valid cases = 2870

Missing cases = 0

Variable Name: rp1
Label: number of relatives
Type: N
Position: 3
Survey/Derived: S
Question Num: RP1
Question Text: [Now I would like to ask you some questions about the relatives of the household head and his or her spouse.]
 How many relatives does the head have?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-11	number
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	18271	45.47
1	11935	29.70
2	4959	12.34
3	2463	6.13
4	1110	2.76
5	494	1.23
6	206	0.51
7	95	0.24
8	26	0.06
9	4	0.01
10	3	0.01
11	4	0.01
.x	1	0.00
.y	609	1.52
	= 40180	100.00

Valid cases = 39571

Missing cases = 609

Variable Name: rp2
 Label: # live in same house
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: RP2
 Question Text: How many live in the head's house?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-6	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	6	.2535436	.6285979

Valid cases = 21306

Missing cases = 18874

Variable Name: rp3
 Label: # live in same village
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: RP3
 Question Text: How many live in the head's village, but not in the head's house?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-11	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	11	.5823148	.8898223

Valid cases = 18818

Missing cases = 21362

Variable Name: rp4
Label: # live in same tambon
Type: N
Position: 6
Survey/Derived: S
Question Num: RP4
Question Text: How many don't live in the head's village but live in the head's tambon?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-7	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	11	.3088853	.7100278

Valid cases = 13089

Missing cases = 27091

Section IX: Parent's Characteristics

Data set name: j13.dta
 Case count: 2,870
 Variable count: 43
 Size: 1,188,180 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: pwitem_1
 Label: head's father
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	item code

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2870	100.00
	-----	-----
	= 2870	100.00

Valid cases = 2870

Missing cases = 0

Variable Name: pw1_1
Label: occupation of head's father
Type: N
Position: 3
Survey/Derived: S
Question Num: PW1
Question Text: What was the primary occupation of head's father during most of his life?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive
5	rice farmer
7	corn farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
29	construction work in Bangkok
31	rice miller
33	shop keeper
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
45	teacher
47	policeman
49	government official
53	electrician
55	cleaner or janitor
57	trader
59	other (specify)
.b	don't know
.c	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	1	0.03
1	10	0.35
5	2240	78.05
7	168	5.85
11	4	0.14
13	13	0.45
15	55	1.92
17	4	0.14
19	6	0.21
21	5	0.17
23	2	0.07
29	1	0.03
31	1	0.03
33	15	0.52
35	1	0.03
37	1	0.03
39	1	0.03
41	1	0.03
45	17	0.59
47	10	0.35
49	24	0.84
53	1	0.03
55	1	0.03
57	42	1.46
59	220	7.67
.b	23	0.80
.c	3	0.10
	= 2870	100.00

Valid cases = 2844

Missing cases = 26

Variable Name: pw1o_1
Label: other of pw1_1
Type: C
Position: 4
Survey/Derived: S
Question Num: PW1
Question Text: What was the primary occupation of head's father during most of his life?
 59- other (specify)

Unique Values / Codes	
Unique values = 95 Unique missing data codes = 2	
Valid cases = 201	Missing cases: NA (not applicable) = 2650 MI (missing value) = 19

Variable Name: pw2_1
Label: education of head's father
Type: N
Position: 5
Survey/Derived: S
Question Num: PW2
Question Text: How much schooling did the head's father complete?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	no education
3	less than P.4
5	P.4
7	more than P.4
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1068	37.21
3	266	9.27
5	1316	45.85
7	73	2.54
.b	113	3.94
.c	8	0.28
.y	26	0.91
	-----	-----
	= 2870	100.00

Valid cases = 2723

Missing cases = 147

Variable Name: pw3_1
Label: vlg position of head's father
Type: C
Position: 6
Survey/Derived: S
Question Num: PW3
Question Text: Did Head's father hold any of the following positions in the village? (Please write down all that apply).

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	no postions
B	headman
C	assistant headman
D	kamnan
E	assistant kamnan
F	PCG committee member
H	head of BAAC group
I	member of women's group committee
J	member of housewife's group committee
K	member of village committee
L	member of tambon committee
M	member of Marketing Demonstration Center committee
N	health volunteer
O	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	2584	90.03
B	103	3.59
C	60	2.09
D	10	0.35
DK	1	0.03
E	4	0.14
H	4	0.14
K	25	0.87
KO	1	0.03
L	4	0.14
N	5	0.17
O	30	1.05
DK (don't know)	34	1.18
MI (missing value)	2	0.07
NA (not applicable)	3	0.10
	-----	-----
	= 2870	100.00

Valid cases = 2831

Missing cases = 39

Variable Name: pw3o_1
Label: other of pw3_1
Type: C
Position: 7
Survey/Derived: S
Question Num: PW3
Question Text: Did Head's father hold any of the following positions in the village?
 O -- other (specify)

Unique Values / Codes	
Unique values = 28 Unique missing data codes = 2	
Valid cases = 28	Missing cases: MI (missing value) = 2 NA (not applicable) = 2840

Variable Name: pw4_1
Label: land of head's parents
Type: N
Position: 8
Survey/Derived: S
Question Num: PW4
Question Text: How much land did the head's father own? (ask about the head's parents together and about the spouse's parents together, and record on line for father. Record the answer in Rai.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-1000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1000	39.5457	55.8306

Valid cases = 2802

Missing cases = 68

Variable Name: pw5_1
Label: how the father acquired land
Type: C
Position: 9
Survey/Derived: S
Question Num: PW5
Question Text: How did the head's father acquire this land? (record all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	purchased
B	inherited
C	cleared
D	land reform program
E	rented land
F	from a relative
G	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	456	15.89
AB	63	2.20
ABC	6	0.21
ABCD	1	0.03
AC	26	0.91
ACB	1	0.03
AD	1	0.03
B	1137	39.62
BA	12	0.42
BC	11	0.38
BCA	1	0.03
BD	2	0.07
C	477	16.62
CA	3	0.10
CB	2	0.07
D	17	0.59
DC	1	0.03
E	18	0.63
F	2	0.07
G	38	1.32
DK (don't know)	125	4.36
MI (missing value)	149	5.19
NA (not applicable)	321	11.18
	-----	-----
	= 2870	100.00

Valid cases = 2275

Missing cases = 595

Variable Name: pw5o_1
Label: other of pw5_1
Type: C
Position: 10
Survey/Derived: S
Question Num: PW5
Question Text: How did the head's father acquire this land?
 G - other (specify)

Unique Values / Codes	
Unique values = 23 Unique missing data codes = 1	
Valid cases = 38	Missing cases = 2832

Variable Name: pwitem_2
Label: head's mother
Type: N
Position: 11
Survey/Derived: S
Question Num:
Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
2	item code

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
2	2870	100.00
	-----	-----
	= 2870	100.00

Valid cases = 2870

Missing cases = 0

Variable Name: pw1_2
Label: occupation of head's mother
Type: N
Position: 12
Survey/Derived: S
Question Num: PW1
Question Text: What was the primary occupation of the head's mother during most of her life?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive
5	rice farmer
7	corn farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
29	construction work in Bangkok
31	rice miller
33	shop keeper

35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
45	teacher
47	policeman
49	government official
53	electrician
55	cleaner or janitor
57	trader
59	other (specify)
.b	don't know
.c	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	1	0.03
1	28	0.98
5	2266	78.95
7	166	5.78
11	3	0.10
13	15	0.52
15	55	1.92
17	4	0.14
19	5	0.17
21	4	0.14
23	3	0.10
29	1	0.03
31	1	0.03
33	17	0.59
45	2	0.07
49	4	0.14
51	1	0.03
55	1	0.03
57	53	1.85
59	220	7.67
.b	18	0.63
.c	2	0.07
	-----	-----
	= 2870	100.00

Valid cases = 2850

Missing cases = 20

Variable Name: pw1o_2
Label: other of pw1_2
Type: C
Position: 13
Survey/Derived: S
Question Num: PW2
Question Text: What was the primary occupation of the head's mother during most of her life?
 59 - other (specify)

Unique Values / Codes	
Unique values = 89 Unique missing data codes = 2	
Valid cases = 201	Missing cases = 2669 MI (missing value) = 19 NA (not applicable) = 2650

Variable Name: pw2_2
Label: education of head's mother
Type: N
Position: 14
Survey/Derived: S
Question Num: PW2
Question Text: How much schooling did the head's mother complete?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	no education
3	less than P.4
5	P.4
7	more than P.4
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1322	46.06
3	250	8.71
5	1150	40.07
7	20	0.70
.b	99	3.45
.c	7	0.24
.y	22	0.77
	-----	-----
	= 2870	100.00

Valid cases = 2742

Missing cases = 128

Variable Name: pw3_2
Label: vld position of head's mother
Type: C
Position: 15
Survey/Derived: S
Question Num: PW3
Question Text: Did Head's mother hold any of the following positions in the village? (Please write down all that apply).

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	no postions
B	headman
C	assistant headman
D	kamnan
E	assistant kamnan
F	PCG committee member
G	Rice Bank committee member
H	head of BAAC group
I	member of women's group committee
J	member of housewife's group committee
K	member of village committee
L	member of tambon committee
M	member of Marketing Demonstration Center committee
N	health volunteer
O	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	2823	98.36
DK	1	0.03
I	4	0.14
J	5	0.17
K	1	0.03
N	3	0.10
O	1	0.03
DK (don't know)	24	0.84
MI (missing value)	4	0.14
NA (not applicable)	4	0.14
	-----	-----
	= 2870	100.00

Valid cases = 2838

Missing cases = 32

Variable Name: pw3o_2
Label: other of pw3_2
Type: C
Position: 16
Survey/Derived: S
Question Num: PW3
Question Text: Did Head's mother hold any of the following positions in the village?
 O - other (specify)

Unique Values / Codes	
Unique values = 1	
Unique missing data codes = 1	
Valid cases = 1	Missing cases = 2869

Variable Name: pw4_2
Label: land of head's mother
Type: N
Position: 17
Survey/Derived: S
Question Num: PW4
Question Text: How much land did the head's mother own? (ask about the head's parents together and about the spouse's parents together, and record on line for father. Record the answer in Rai.)

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases (not applicable) = 2870

*Notes: no observations.

Variable Name: pw5_2
Label: how the mother acquired land
Type: C
Position: 18
Survey/Derived: S
Question Num: PW5
Question Text: How did the head's mother acquire land? (record all that apply)

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases = 2870

Variable Name: pw5o_2
Label: other of pw5_2
Type: C
Position: 19
Survey/Derived: S
Question Num: PW5
Question Text: How did the head's mother acquire land?
 G - other

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases = 2870

Variable Name: pwitem_3
Label: spouse's father
Type: N
Position: 20
Survey/Derived: S
Question Num:
Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
3	item code

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
3	2870	100.00
	-----	-----
	= 2870	100.00

Valid cases = 2,870

Missing cases = 0

Variable Name: pw1_3
Label: occupation of spouse's father
Type: N
Position: 21
Survey/Derived: S
Question Num: PW1
Question Text: What was the primary occupation of spouse's father during most of his life?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive
5	rice farmer
7	corn farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
29	construction work in Bangkok
31	rice miller
33	shop keeper
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
45	teacher
47	policeman
49	government official
53	electrician
55	cleaner or janitor

57	trader
59	other (specify)
.b	don't know
.c	not applicable
.y	missing value

<u>Value</u>	<u>Count</u>	<u>Frequency</u>	<u>Percent</u>
0	2		0.07
1	12		0.42
5	2146		74.77
7	160		5.57
9	1		0.03
11	3		0.10
13	27		0.94
15	48		1.67
17	7		0.24
19	5		0.17
21	3		0.10
23	3		0.10
29	3		0.10
31	1		0.03
33	16		0.56
35	3		0.10
41	1		0.03
45	13		0.45
47	9		0.31
49	27		0.94
53	2		0.07
55	1		0.03
57	47		1.64
59	217		7.56
.b	58		2.02
.c	53		1.85
.y	2		0.07
	-----		-----
	= 2870		100.00

Valid cases = 2757

Missing cases = 113

Variable Name: pw1o_3
Label: other of pw1_3
Type: C
Position: 22
Survey/Derived: S
Question Num: PW1
Question Text: What was the primary occupation of spouse's father during most of his life?
 59 - other (specify)

Unique Values / Codes	
Unique values = 90 Unique missing data codes = 2	
Valid cases = 204	Missing cases: MI (missing value) = 13 NA (not applicable) = 2653

Variable Name: pw2_3
Label: education of spouse's father
Type: N
Position: 23
Survey/Derived: S
Question Num: PW2
Question Text: How much schooling did the spouse's father complete?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	no education
3	less than P.4
5	P.4
7	more than P.4
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	998	34.77
3	231	8.05
5	1311	45.68
7	70	2.44
.b	178	6.20
.c	54	1.88
.y	28	0.98
	----- = 2870	----- 100.00

Valid cases = 2610

Missing cases = 260

Variable Name: pw3_3
Label: vlg position of spouse's father
Type: C
Position: 24
Survey/Derived: S
Question Num: PW3
Question Text: Did Spouse's father hold any positions in the village? (Please write down all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	no postions
B	headman
C	assistant headman
D	kamnan
E	assistant kamnan
F	PCG committee member
H	head of BAAC group
I	member of women's group committee
J	member of housewife's group committee
K	member of village committee
L	member of tambon committee
M	member of Marketing Demonstration Center committee
N	health volunteer
O	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	2553	88.95
B	80	2.79
C	38	1.32
D	14	0.49
DB	1	0.03
DK	3	0.10
E	5	0.17
F	1	0.03
K	21	0.73
L	4	0.14
N	2	0.07
O	25	0.87
DK (don't know)	65	2.26
MI (missing value)	13	0.45
NA (not applicable)	45	1.57
	-----	-----
	= 2870	100.00

Valid cases = 2847

Missing cases = 123

Variable Name: pw3o_3
Label: other of pw3_3
Type: C
Position: 25
Survey/Derived: S
Question Num: PW3
Question Text: Did Spouse's father hold any positions in the village?
 O - other

Unique Values / Codes	
Unique values = 22 Unique missing data codes = 2	
Valid cases = 24	Missing cases: MI (missing value)= 1 NA(not applicable)= 2845

Variable Name: pw4_3
Label: land of spouse's father
Type: N
Position: 26
Survey/Derived: S
Question Num: PW4
Question Text: How much land did the spouse's father own? (ask about the head's parents together and about the spouse's parents together, and record on line for father. Record the answer in Rai.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-2000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	2000	39.392	65.5076

Valid cases = 2752

Missing cases = 118

Variable Name: pw5_3
Label: how spouse's dad acquired land
Type: C
Position: 27
Survey/Derived: S
Question Num: PW5
Question Text: How did the spouse's father acquire this land? (please write down all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	purchased
B	inherited
C	cleared
D	land reform program
E	rented land
F	from a relative
G	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	397	13.83
AB	51	1.78
ABC	8	0.28
AC	17	0.59
B	1092	38.05
BA	12	0.42
BC	11	0.38
BD	1	0.03
C	402	14.01
CA	3	0.10
CAB	1	0.03
CB	1	0.03
D	24	0.84
DG	1	0.03
E	17	0.59
F	3	0.10
G	37	1.29
DK (don't know)	203	7.07
MI (missing value)	179	6.24
NA (not applicable)	410	14.29
	-----	-----
	= 2870	100.00

Valid cases = 2078

Missing cases = 792

Variable Name: pw5o_3
Label: other of pw5_3
Type: C
Position: 28
Survey/Derived: S
Question Num: PW5
Question Text: How did the spouse's father acquire this land?
 G - other (specify)

Unique Values / Codes	
Unique values = 22 Unique missing data codes = 1	
Valid cases = 37	Missing cases = 2833

Variable Name: pwitem_4
Label: spouse's mother
Type: N
Position: 29
Survey/Derived: S
Question Num:
Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
4	item code

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
4	2870	100.00
	-----	-----
	= 2870	100.00

Valid cases = 2870

Missing cases = 0

Variable Name: pw1_4
Label: occupation of spouse's mother
Type: N
Position: 30
Survey/Derived: S
Question Num: PW1
Question Text: What was the primary occupation of the spouse's mother during most of her life?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	no prior occupation
1	inactive
5	rice farmer
7	corn farmer
11	raise fish other than shrimp
13	orchard farmer
15	farmer growing a different crop
17	raise livestock: chicken or duck
19	raise livestock: pig, cow or water buffalo
21	construction work in village
23	construction work out of village but in Changwat
29	construction work in Bangkok
31	rice miller
33	shop keeper
35	factory worker
37	mechanic
39	clerical worker
41	administrative or managerial job
45	teacher
47	policeman
49	government official
53	electrician
55	cleaner or janitor
57	trader
59	other (specify)
.b	don't know
.c	not applicable
.y	missing value

<u>Value</u>	Frequency	
	<u>Count</u>	<u>Percent</u>
0	2	0.07
1	28	0.98
3	1	0.03
5	2162	75.33
7	159	5.54
9	1	0.03
11	3	0.10
13	29	1.01
15	47	1.64
17	6	0.21
19	5	0.17
21	3	0.10
23	3	0.10
29	4	0.14
33	21	0.73
35	2	0.07
49	3	0.10
55	1	0.03
57	56	1.95
59	221	7.70
.b	57	1.99
.c	54	1.88
.y	2	0.07
	----- = 2870	----- 100.00

Valid cases = 2757

Missing cases = 113

Variable Name: pw1o_4
Label: other of pw1_4
Type: C
Position: 31
Survey/Derived: S
Question Num: PW1
Question Text: What was the primary occupation of the spouse's mother during most of her life?
 59 - other (specify)

Unique Values / Codes	
Unique values = 85 Unique missing data codes = 2	
Valid cases = 208	Missing cases MI (missing value) = 13 NA (not applicable) = 2649

Variable Name: pw2_4
Label: education of spouse's mother
Type: N
Position: 32
Survey/Derived: S
Question Num: PW2
Question Text: How much schooling did the spouse's mother complete?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	no education
3	less than P.4
5	P.4
7	more than P.4
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1197	41.71
3	220	7.67
5	1190	41.46
7	15	0.52
.b	167	5.82
.c	56	1.95
.y	25	0.87
	-----	-----
	= 2870	100.00

Valid cases = 2622

Missing cases = 248

Variable Name: pw3_4
Label: vlg position of spouse's mother
Type: C
Position: 33
Survey/Derived: S
Question Num: PW3
Question Text: Did Spouse's mother hold any of the following positions in the village? (please write down all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	no positions
B	headman
C	assistant headman
D	kamnan
E	assistant kamnan
F	PCG committee member
H	head of BAAC group
I	member of women's group committee
J	member of housewife's group committee
K	member of village committee
L	member of tambon committee
M	member of Marketing Demonstration Center committee
N	health volunteer
O	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	2732	95.19
C	1	0.03
DK	2	0.07
I	4	0.14
J	9	0.31
K	1	0.03
N	2	0.07
DK (don't know)	60	2.09
MI (missing value)	12	0.42
NA (not applicable)	47	1.64
	-----	-----
	= 2870	100.00

Valid cases = 2751

Missing cases = 119

Variable Name: pw3o_4
 Label: other of pw3_4
 Type: C
 Position: 34
 Survey/Derived: S
 Question Num: PW3
 Question Text: Did Spouse's mother hold any of the following positions in the village?
 O - other (specify)

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases = 2870

*Note: No observations.

Variable Name: pw4_4
 Label: land of spouse's mother
 Type: N
 Position: 35
 Survey/Derived: S
 Question Num: PW4
 Question Text: How much land did the spouse's mother own? (ask about the head's parents together and about the spouse's parents together, and record on line for father. Record the answer in Rai.)

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases = 2870

*Note: No observations.

Variable Name: pw5_4
 Label: how spouse's mom acquired land
 Type: C
 Position: 36
 Survey/Derived: S
 Question Num: PW5
 Question Text: How did the spouse's mother acquire this land? (record all that apply)

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases = 2870

*Note: No observations.

Variable Name: pw5o_4
 Label: other of pw5_4
 Type: C
 Position: 37
 Survey/Derived: S
 Question Num: PW5
 Question Text: How did the spouse's mother acquire this land?
 G - other (specify)

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases = 2870

*Note: No observations.

Variable Name: pw6a
 Label: wealth status of household
 Type: N
 Position: 38
 Survey/Derived: S
 Question Num: PW6A
 Question Text: Compared to the other people in your village, would you say that your household is? (if answer is 1 or 5 skip to PW7A)

Unique Values / Codes	
Value	Description
1	among the poorest households in the village?
3	around the middle in terms of wealth?
5	among the richest households in the village?
.y	missing value

Frequency

Value	Count	Percent
1	586	20.42
3	2223	77.46
5	58	2.02
.y	3	0.10
	-----	-----
	= 2870	100.00

Valid cases = 2867

Missing cases = 3

Variable Name: pw6b
Label: status compared with mid(pw6b)
Type: N
Position: 39
Survey/Derived: S
Question Num: PW6B
Question Text: (If PW6A) Which of the following statements best describe your household? Of the households in the village who are in the middle terms of wealth, my household is,

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	among the poor
3	among the middle
5	among the rich
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	298	10.38
3	1754	61.11
5	166	5.78
.c	643	22.40
.x	2	0.07
.y	7	0.24
	-----	-----
	= 2870	100.00

Valid cases = 2220

Missing cases = 650

Variable Name: pw7a
Label: wealth of head's parents
Type: N
Position: 40
Survey/Derived: S
Question Num: PW7A
Question Text: Compared to the other people in the head's parent's village, would you say that the head's parents were/are? (if answer is 1 or 5 skip to PW8A)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	among the poor households in the village?
3	among the middle in terms of wealth?
5	among the rich households in the village?
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	640	22.30
3	2015	70.21
5	187	6.52
.y	28	0.98
	-----	-----
	= 2870	100.00

Valid cases = 2842

Missing cases = 28

Variable Name: pw7b
Label: status compared with mid(pw7b)
Type: N
Position: 41
Survey/Derived: S
Question Num: PW7B
Question Text: (If PW&A is 3)Which of the following statements best describe the head's parents household? Of the households in the village who are n the middle in terms of wealth, the head's parents were/are:

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	among the poor
3	among the middle
5	among the rich
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	224	7.80
3	1656	57.70
5	127	4.43
.c	827	28.82
.x	1	0.03
.y	35	1.22
	-----	-----
	= 2870	100.00

Valid cases = 2007

Missing cases = 863

Variable Name: pw8a
Label: wealth of spouse's parents
Type: N
Position: 42
Survey/Derived: S
Question Num: PW8A
Question Text: Compared to the other people in the spouse's parents' village, would you say that the spouse's parents were/are? (if answer is 1 or 5, skip to PW9)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	among the poor households in the village?
3	among the middle in terms of wealth?
5	among the rich households in the village?
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	586	20.42
3	2009	70.00
5	174	6.06
.y	101	3.52
	-----	-----
	= 2870	100.00

Valid cases = 2769

Missing cases = 101

Variable Name: pw8b
Label: status compared with mid(pw8b)
Type: N
Position: 43
Survey/Derived: S
Question Num: PW8B
Question Text: (If Pw8A is 3)Which of the following statements best describe the spouse's parents households? Of the households in the village who are in the middle in terms of wealth, the spouse's parents were/are:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	among the poor
3	among the middle
5	among the rich
.c	not applicable
.x	invalid value
.y	missing value

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	207	7.21
3	1679	58.50
5	111	3.87
.c	760	26.48
.x	1	0.03
.y	112	3.90
	-----	-----
	= 2870	100.00

Valid cases = 1997

Missing cases = 873

Section X: Inheritance (1)

Data set name: j14.dta
 Case count: 2,870
 Variable count: 2
 Size: 48,790 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: ih1
 Label: ever inherited from parents
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: IH1
 Question Text: Have you or your spouse inherited anything from either of your parents? (either you legally own the inheritance now or you use it now and expect to gain legal ownership when your parent die) (1=yes, 3=no, if no skip to IH5).

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2086	72.68
3	778	27.11
.y	6	0.21
	-----	-----
	= 2870	100.00

Valid cases = 2864

Missing cases = 6

Section X: Inheritance (2)

Data set name: j14tab.dta
 Case count: 22,960
 Variable count: 8
 Size: 2,135,280 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 22960	Missing cases = 0

Variable Name: ih1
 Label: ever inherited from parents
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: IH1
 Question Text: Have you or your spouse inherited anything from either of your parents? (either you legally own the inheritance now or you use it now and expect to gain legal ownership when your parent die) (1=yes, 3=no, if no skip to IH5).

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	16688	72.68
3	6224	27.11
.y	48	0.61
	-----	-----
	= 22960	100.00

Valid cases = 22912

Missing cases = 48

Variable Name: **ihitem**
 Label: inherited item description
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: IH2
 Question Text: What did you and your spouse inherit from either of your parents?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	land – head
2	land – spouse
3	livestock
4	house
5	debt
6	cash
7	gold/Jewelry
8	other (specify)
.c	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2092	9.11
2	2091	9.11
3	2091	9.11
4	2091	9.11
5	2091	9.11
6	2091	9.11
7	2091	9.11
8	2091	9.11
.c	6231	27.14
	-----	-----
	= 22960	100.00

Valid cases = 16729

Missing cases = 6231

Variable Name: **ih2**
 Label: whether inherited this item
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: IH2
 Question Text: What did you and your spouse inherit from either of your parents? (Put a 1 in the appropriate column of the table below next to all of the things that the respondent mentions on his or her own. Then ask separately about the things that the respondent did not mention.)

Did you and your spouse inherit any ____ ? (ask about the items on the list below that the respondent did not mention on their own? 1 - yes, 3 - no)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	4239	18.46
3	12393	53.98
.c	6224	27.11
.y	104	0.45
	-----	-----
	= 22960	100.00

Valid cases = 11632

Missing cases = 6328

*Note: Skip this question if IH1=3 (no).

Variable Name: ih3a
Label: how many were inherited
Type: N
Position: 5
Survey/Derived: S
Question Num: IH3A
Question Text: (for land – head and spouse) How many rai were inherited?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-8000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	8000	47.4945	128.593

Valid cases = 4324

Missing cases = 18636

*Note: Skip this question if IH1=3 (no).

Variable Name: ih3b
 Label: value of land inherited
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: IH3B
 Question Text: (for land – head and spouse) What was the value of the land at the time of inheritance?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0 - 5.151e+08	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	5.151e+08	268926	8.0e+06

Valid cases = 4277

Missing cases = 18683

*Note: Skip this question if IH1=3 (no).

Variable Name: ih4
 Label: in what year you inherited
 Type: N
 Position: 7
 Survey/Derived: S
 Question Num: IH4
 Question Text: In what year did you inherit (or begin using) ____ ?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-4000	number
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	40	0.17
1500	1	0.00
1522	1	0.00
2000	1	0.00
2416	1	0.00
2420	1	0.00
2453	2	0.01
2454	1	0.00
2458	2	0.01
2470	3	0.01
2471	1	0.00
2472	3	0.01

2473	1	0.00
2474	2	0.01
2475	2	0.01
2476	4	0.02
2478	5	0.02
2480	17	0.07
2481	14	0.06
2482	3	0.01
2483	7	0.03
2484	11	0.05
2485	17	0.07
2486	3	0.01
2487	13	0.06
2488	5	0.02
2489	12	0.05
2490	69	0.30
2491	5	0.02
2492	11	0.05
2493	6	0.03
2494	18	0.08
2495	39	0.17
2496	12	0.05
2497	15	0.07
2498	17	0.07
2499	14	0.06
2500	118	0.51
2501	21	0.09
2502	25	0.11
2503	37	0.16
2504	36	0.16
2505	72	0.31
2506	25	0.11
2507	26	0.11
2508	48	0.21
2509	23	0.10
2510	202	0.88
2511	35	0.15
2512	45	0.20
2513	41	0.18
2514	41	0.18
2515	148	0.64
2516	60	0.26
2517	60	0.26
2518	68	0.30
2519	29	0.13
2520	263	1.15
2521	45	0.20
2522	94	0.41
2523	59	0.26
2524	69	0.30
2525	201	0.88
2526	55	0.24
2527	80	0.35
2528	106	0.46
2529	68	0.30
2530	254	1.11
2531	50	0.22
2532	107	0.47
2533	119	0.52
2534	118	0.51

2535	226	0.98
2536	122	0.53
2537	191	0.83
2538	136	0.59
2539	137	0.60
2540	79	0.34
2541	2	0.01
2543	3	0.01
2545	2	0.01
2550	2	0.01
2570	1	0.00
2994	3	0.01
3537	1	0.00
4000	2	0.01
.b	102	0.44
.c	6232	27.14
.y	12492	54.41
	-----	-----
	22960	100.00

Valid cases = 4134

Missing cases = 18826

*Note: Skip this question if IH1=3 (no).

Variable Name: **ihitem08**
Label: other inherited item
Type: C
Position: 8
Survey/Derived: S
Question Num: IH2
Question Text: What did you and your spouse inherit from either of your parents?
 8 - other (specify)

Unique Values / Codes	
Unique values = 26	
Unique missing data codes = 2	
Valid cases = 39	Missing cases: MI (missing value) = 8283 NA (not applicable) = 14638

Section XI: Household Assets

Data set name: j15tab.dta

Case count: 47,697

Variable count: 10

Size: 4,485,155 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: S
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 47697	Missing cases = 0

Variable Name: h1a1
 Label: household asset line# ID
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: HA1
 Question Text: Assets

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-20	item #
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	2827	5.93
1	2870	6.02
2	2870	6.02
3	2870	6.02
4	2870	6.02
5	2870	6.02
6	2870	6.02
7	2870	6.02
8	2870	6.02
9	2870	6.02
10	2870	6.02
11	2870	6.02
12	2870	6.02
13	2870	6.02
14	2870	6.02
15	2869	6.02
16	1170	2.45
17	392	0.82
18	152	0.32
19	68	0.14
20	37	0.08
.y	2	0.00
	= 47697	100.00

Valid cases = 47695

Missing cases = 2

Variable Name: ha1
Label: description of household asset
Type: C
Position: 3
Survey/Derived: S
Question Num: HA1
Question Text: Assets

Unique Values / Codes	
Unique values = 297	
Unique missing data codes = 1	
Valid cases = 44867	Missing cases = 2830

Variable Name: ha2
 Label: number of this type of asset
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: HA2
 Question Text: Does anyone who usually lives in this household own ____? If so, how many? (record 0 if none, the number owned otherwise. For multiple items - use the extra lines on the table to record the information for each item. "Other" items must cost at minimum 1,000 Baht)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	none
1	TV - Color
2	VCR
3	air conditioner
4	regular Telephoned
5	cellular Telephone
6	refrigerator
10	long Tail Boat w/ motor (rua hann yao)
12	washing Machine
15	stereo
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	33100	69.40
1	10356	21.71
2	662	1.39
3	121	0.25
4	11	0.02
5	5	0.01
6	1	0.00
10	1	0.00
12	1	0.00
15	1	0.00
.y	3438	7.21
	-----	-----
	= 47697	100.00

Valid cases = 44259

Missing cases = 3438

Variable Name: ha3
 Label: value of household asset
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: HA3
 Question Text: How much did it cost?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-1700000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1700000	20980.6	66787.7

Valid cases = 11691

Missing cases = 36006

Variable Name: ha4

Label: source of funds for this asset

Type: C

Position: 6

Survey/Derived: S

Question Num: HA4

Question Text: How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to HA5.)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
DK	don't know
MI	missing value
NA	not applicable

	Frequency	
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	5429	11.38
AC	3	0.01
ACD	2	0.00
ACG	2	0.00
ACQ	1	0.00
AD	32	0.07
ADC	1	0.00
ADGK	1	0.00
ADP	1	0.00
AE	55	0.12
AF	4	0.01
AFD	1	0.00
AFK	1	0.00
AG	10	0.02
AH	3	0.01
AJ	2	0.00
AK	11	0.02
AL	6	0.01
AM	4	0.01
AO	2	0.00
AP	6	0.01
AQ	17	0.04
AQD	1	0.00
B	68	0.14
BA	2	0.00
BD	1	0.00
BKA	1	0.00
C	159	0.33
CD	4	0.01
CDM	1	0.00
CDP	1	0.00
CDQ	1	0.00
CE	1	0.00
CQ	1	0.00
D	2431	5.10
DA	14	0.03
DC	2	0.00
DCA	1	0.00
DE	1	0.00
DFM	1	0.00
DG	3	0.01
DH	4	0.01
DJ	4	0.01

DK	2	0.00
DM	1	0.00
DO	1	0.00
DP	13	0.03
DPQ	1	0.00
DQ	10	0.02
E	260	0.55
EA	2	0.00
F	15	0.03
FA	2	0.00
FQ	2	0.00
G	69	0.14
GA	1	0.00
GAE	1	0.00
GC	1	0.00
GD	6	0.01
GDP	1	0.00
GL	1	0.00
H	11	0.02
HA	1	0.00
I	2	0.00
J	19	0.04
JAD	1	0.00
JF	1	0.00
JHD	1	0.00
K	53	0.11
KA	5	0.01
KD	2	0.00
L	14	0.03
LA	2	0.00
LD	2	0.00
M	9	0.02
MA	2	0.00
MD	1	0.00
N	15	0.03
O	1285	2.69
OA	1	0.00
OD	1	0.00
OJ	1	0.00
OQ	1	0.00
P	168	0.35
PD	1	0.00
PO	1	0.00
PQ	2	0.00
Q	1341	2.81
QA	8	0.02
QAD	1	0.00
QAE	1	0.00
QD	8	0.02
QI	1	0.00
QJ	1	0.00
QK	1	0.00
DK (don't know)	3	0.01
MI (missing value)	36042	75.56
NA (not applicable)	3	0.01
	-----	-----
	= 47697	100.00

Valid cases = 11650

Missing cases = 36047

Variable Name: ha4o
 Label: other of ha4
 Type: C
 Position: 7
 Survey/Derived: S
 Question Num: HA4
 Question Text: How did you get the money to buy this item?
 Q - other (specify)

Unique Values / Codes	
Unique values = 407 Unique missing data codes = 3	
Valid cases = 1375	Missing cases: IV (invalid value) = 1 MI (missing value) = 23 NA (not applicable) = 46298

Variable Name: ha4a
 Label: largest source of fund
 Type: C
 Position: 8
 Survey/Derived: S
 Question Num: HA4A
 Question Text: What was the largest source of the money to buy this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	82	0.17
B	2	0.00
C	11	0.02
D	52	0.11
E	54	0.11
F	10	0.02
G	13	0.03
H	1	0.00
J	7	0.01
K	10	0.02
L	5	0.01
M	5	0.01
O	3	0.01
P	13	0.03
Q	28	0.06
DK (don't know)	2	0.00
MI (missing value)	36051	75.58
NA (not applicable)	11348	23.79
	= 47697	100.00

Valid cases = 296

Missing cases = 47401

*skip this question if there is only one source of money in HA4.

Variable Name: ha4b
Label: amount of largest fund
Type: C
Position: 9
Survey/Derived: S
Question Num: HA4B
Question Text: How much money came from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
500-550000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
500	550000	67926.16	97862.45

Valid cases = 292

Missing cases = 47405

Variable Name: ha5
 Label: # of year asset owned
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: HA5
 Question Text: For how many years has the household owned this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-50	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	50	4.83679	4.41327

Valid cases = 11657

Missing cases = 36040

Section XII: Agriculture Assets (1)

Data set name: j17.dta
 Observations: 2,870
 Variable count: 19
 Size: 786,380 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2870	
Valid cases = 2870	Missing cases = 0

Variable Name: fa1
 Label: in agricultural activities
 Type: N
 Position: 1
 Survey/Derived: S
 Question Num: FA1
 Question Text: Is this house involved in agricultural activities?
 (1 – yes, 3 – no. If no skip to BA0. Agricultural activities include rice farmer, other crop, shrimp, chicken, pigs, other livestock, orchards, etc. The agricultural activity does not have to be the primary occupation of anyone in the household)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2271	79.13
3	590	20.56
.y	9	0.31
	-----	-----
	= 2870	100.00

Valid cases = 2861

Missing cases = 9

Variable Name: fa2
 Label: type of agricultural activity
 Type: C
 Position: 2
 Survey/Derived: S
 Question Num: FA2
 Question Text: What type of agricultural activity or activities is this household involved in? (List all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	rice farming
B	corn farming
C	shrimp farming
D	raise fish other than shrimp
E	orchard farming
F	vegetable farming
G	growing another crop
H	raising livestock: chicken or duck
I	raising livestock: pig, cow or buffalo
J	working as a farm laborer
K	other (specify) FA2O

Unique Values / Codes	
Unique values = 11	
Unique missing data codes = 2	
Valid cases = 2272	Missing cases: MI (missing value) = 8 NA (not applicable) = 590

Variable Name: fa2o
 Label: other of fa2
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num: FA2O
 Question Text: What type of agricultural activity or activities is this household involved in?
 K - other (specify)

Unique Values / Codes	
Unique values = 118	
Unique missing data codes = 2	
Valid cases = 194	Missing cases: MI (missing value) = 2086 NA (not applicable) = 590

Variable Name: fa8
 Label: number of ponds owned
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: FA8
 Question Text: How many shrimp or fish ponds for raising adult shrimp or fish (i.e. only the big ponds, not the little ones for breeding!) does this household own?
 (If none, skip to FA14)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-25	number
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	2085	72.65
1	88	3.07
2	38	1.32
3	33	1.15
4	18	0.63
5	6	0.21
6	5	0.17
7	1	0.03
9	1	0.03
10	1	0.03
11	1	0.03
16	1	0.03
25	1	0.03
.c	590	20.56
.y	1	0.03
-----		-----
= 2870		100.00

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	25	.207547	1.00237

Valid cases = 2279

Missing cases = 591

Variable Name: fa14_1
 Label: number of cows
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: FA14
 Question Text: How many cows does the household own? (write down 0 if the household doesn't own any)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-300	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	300	1.26119	8.12797

Valid cases = 2278

Missing cases = 592

Variable Name: fa15_1
Label: value of cows
Type: N
Position: 6
Survey/Derived: S
Question Num: FA15
Question Text: What is the current value of all of these cows together?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-4000000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	4000000	51079.5	224404

Valid cases = 400

Missing cases = 2470

Variable Name: fa14_2
Label: number of buffalos
Type: N
Position: 7
Survey/Derived: S
Question Num: FA14
Question Text: How many buffaloes does the household own?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-24	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	24	.620886	1.41583

Valid cases = 2279

Missing cases = 591

Variable Name: fa15_2

Label: value of buffalos
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: FA15
 Question Text: What is the current value of all of these buffaloes together?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1000-150000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1000	150000	18192.8	13037.2

Valid cases = 527

Missing cases = 2343

Variable Name: fa14_3

Label: number of pigs
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: FA14
 Question Text: How many pigs does the household own?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-500	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	500	1.448	19.546

Valid cases = 2279

Missing cases = 591

Variable Name: fa15_3
 Label: value of pigs
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: FA15
 Question Text: What is the current value of all of these pigs together?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1200- 2250000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1200	2250000	44115.3	191537

Valid cases = 233

Missing cases = 2637

Variable Name: fa14_4
 Label: number of chickens
 Type: N
 Position: 11
 Survey/Derived: S
 Question Num: FA14
 Question Text: How many chickens (if ≥ 50) does the household own? (write down 0 if the household own fewer than 50 chicken)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-35000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	35000	26.8434	747.689

Valid cases = 2279

Missing cases = 591

Variable Name: fa15_4
 Label: value of chickens
 Type: N
 Position: 12
 Survey/Derived: S
 Question Num: FA15
 Question Text: What is the current value of all of these chickens together?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
300-1260000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
300	1260000	25644.5	127278

Valid cases = 117

Missing cases = 2753

Variable Name: fa14_5
Label: number of ducks
Type: N
Position: 13
Survey/Derived: S
Question Num: FA14
Question Text: How many ducks (if ≥50) does the household own? (write down 0 if the household own fewer than 50 ducks)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-7000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	7000	15.0746	270.948

Valid cases = 2278

Missing cases = 592

Variable Name: fa15_5
Label: value of ducks
Type: N
Position: 14
Survey/Derived: S
Question Num: FA15
Question Text: What is the current value of all of these ducks together?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
960-200000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
960	200000	18044.4	42672.7

Valid cases = 32

Missing cases = 2838

Variable Name: fa16

Label: whether increase size profitale
 Type: N
 Position: 15
 Survey/Derived: S
 Question Num: FA16
 Question Text: If you could increase the size of your farm do you think it would be more profitable?
 (1 – yes, 3 – no. If no skip to FA18)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	yes
3	no
.a	refuse to answer
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1317	45.89
3	952	33.17
.a	10	0.35
.c	590	20.56
.y	1	0.03
	-----	-----
	= 2870	100.00

Valid cases = 2269

Missing cases = 601

Variable Name: fa17a

Label: barriers to increase farm size
 Type: C
 Position: 16
 Survey/Derived: S
 Question Num: FA17A
 Question Text: (IF answer yes in FA16) What stops you from increasing the size of your farm? What are the main barriers or obstacles to increasing the size of your farm?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	Not enough land"
B	Not enough labor to hire"
C	Not enough time"
D	Not enough money to hire labor"
E	Not enough money to buy equipment"
F	Not enough money to buy land"
G	Demand for product is too low"
H	Price of product is too low"
I	Other (record in FA17B)"

Unique Values / Codes	
Unique values = 105	
Unique missing data codes = 3	
Valid cases = 1308	Missing cases: IV (invalid value) = 5 MI (missing value) = 14 NA (not applicable) = 1543

Variable Name: fa17ath
Label: other of fa17a
Type: C
Position: 17
Survey/Derived: S
Question Num:
Question Text: Other barriers from expanding the farm (specify) (not in quex.)

Unique Values / Codes	
Unique values = 120	
Unique missing data codes = 2	
Valid cases = 192	Missing cases: MI (missing value) = 1136 NA (not applicable) = 1542

Variable Name: fa17b
Label: why not borrow fund
Type: C
Position: 18
Survey/Derived: S
Question Num: FA17B
Question Text: Open response. Add details to the answers given in FA17. Probe about why they can't or do not want to borrow the necessary funds.

Unique Values / Codes	
Unique values = 1011 Unique missing data codes = 2	
Valid cases = 1262	Missing cases: MI (missing value) = 66 NA (not applicable) = 1542

Section XII: Agriculture Assets (2)

Data set name: j17tb1.dta
 Observations: 57,380
 Variable count: 12
 Size: 7,459,400 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2869	
Valid cases = 2869	Missing cases = 57380

Variable Name: fa1
 Label: involved in agr. activity
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: FA1
 Question Text: Is this house involved in agricultural activities?
 (1 – yes, 3 – no. If no skip to BA0. Agricultural activities include rice farmer, other crop, shrimp, chicken, pigs, other livestock, orchards, etc. The agricultural activity does not have to be the primary occupation of anyone in the household)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	45420	79.16
3	11800	20.56
.x	20	0.03
.y	140	0.24
	-----	-----
	= 57380	100.00

Valid cases = 57380

Missing cases = 0

Variable Name: fa2
 Label: type of agr. activity
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num: FA2
 Question Text: What type of agricultural activity or activities is this household involved in? (List all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	rice farming
B	corn farming
C	shrimp farming
D	raise fish other than shrimp
E	orchard farming
F	vegetable farming
G	growing another crop
H	raising livestock: chicken or duck
I	raising livestock: pig, cow or buffalo
J	working as a farm laborer
K	other (specify) FA2O
MI	missing value
NA	not applicable

Unique values = 278 Unique missing data codes = 2	
Valid cases = 45440	Missing cases: MI (missing value) = 140 NA (not applicable) = 11800

Variable Name: fa3a
 Label: item # ID of agr. asset
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: FA3
 Question Text: Item # of agricultural assets [different form on survey]"

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	none ?
1	walking tractor
2	large four-wheel tractor
3	small four-wheel tractor
4	set: machine to put in seeds, pesticides for preventing grass, machine to mix fertilizer & soil
5	sprinkler
6	threshing machine
7	rice mill
8	crop storage buildings
9	large chicken coop
10	other large buildings for livestock
11	other important assets that are used in farming
12-18	other
.c	not applicable
.y	missing value

<u>Value</u>	Frequency <u>Count</u>	<u>Percent</u>
0	2267	3.95
1	2276	3.97
2	2279	3.97
3	2279	3.97
4	2279	3.97
5	2279	3.97
6	2279	3.97
7	2279	3.97
8	2279	3.97
9	2279	3.97
10	2279	3.97
11	2279	3.97
12	220	0.38
13	51	0.09
14	18	0.03
15	10	0.02
16	5	0.01
17	4	0.01
18	1	0.00
.c	11800	20.56
.y	17938	31.26
	-----	-----
	= 57380	100.00

Valid cases = 27642

Missing cases = 29738

Variable Name: fa3
Label: agr. asset description
Type: N
Position: 5
Survey/Derived: S
Question Num: FA3
Question Text: Assets

Unique Values / Codes	
Unique values = 163 Unique missing data codes = 2	
Valid cases = 25387	Missing cases: MI (missing value) = 20193 NA (not applicable) = 11800

Variable Name: fa4
Label: number of assets owned
Type: N
Position: 6
Survey/Derived: S
Question Num: FA4
Question Text: Does anyone who usually live in this household own ___? If so, how many?
 (Record 0 if none, the number owned otherwise. If the household owns multiple items - walking tractors, for example - use the extra lines on the table to record the information for each walking tractor. Other items - lines 12 and higher should cost at least 1000B)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-80	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	80	.130218	.89263

Valid cases = 25273

Missing cases = 32107

Variable Name: fa5
Label: cost of asset
Type: N
Position: 7
Survey/Derived: S
Question Num: FA5
Question Text: How much did this item cost?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 2800000	number
.c	not applicable
.y	missing value

Means

<u>Min</u> 0	<u>Max</u> 2800000	<u>Mean</u> 30473	<u>S.D.</u> 86871.8
-----------------	-----------------------	----------------------	------------------------

Valid cases = 2915

Missing cases = 54465

Variable Name: fa6
Label: source of asset
Type: C
Position: 8
Survey/Derived: S
Question Num: FA6
Question Text: How did you get the money to buy this item? (Record all that apply. If only one answer then skip to FA7)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Unique Values / Codes

Unique values = 105
 Unique missing data codes = 2

Valid cases = 2887

Missing cases:
 MI (missing value) = 42692
 NA (not applicable) = 11801

Variable Name: fa60
 Label: other of fa6
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: FA6
 Question Text: How did you get the money to buy this item?
 Q - other (specify)

Unique Values / Codes	
Unique values = 134 Unique missing data codes =2	
Valid cases = 203	Missing cases: MI (missing value) = 45377 NA (not applicable) = 11800

Variable Name: fa6a
 Label: largest source of fund
 Type: C
 Position: 10
 Survey/Derived: S
 Question Num: FA6A
 Question Text: What was the largest source of the money to buy this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	47	0.08
B	2	0.00
C	28	0.05
D	62	0.11
E	7	0.01
F	6	0.01
G	28	0.05
H	5	0.01
J	2	0.00
K	7	0.01
L	2	0.00
M	2	0.00
N	1	0.00
O	1	0.00
P	4	0.01
Q	16	0.03
MI (missing value)	42699	74.41
NA (not applicable)	14461	25.20
	= 57380	100.00

Valid cases = 220

Missing cases = 57160

*Note: Skip this question if select only one answer in FA6.

Variable Name: fa6b
Label: amount of largest fund
Type: N
Position: 11
Survey/Derived: S
Question Num: FA6B
Question Text: How much money came from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1000- 890000	number
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1000	890000	46046.58	78669.77

Valid cases = 219

Missing cases = 57161

*Note: Skip this question if select only one answer in FA6.

Variable Name: fa7
 Label: number of years asset owned
 Type: N
 Position: 12
 Survey/Derived: S
 Question Num: FA7
 Question Text: For how many years has the household owned this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-80	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	80	8.56406	8.31874

Valid cases = 2888

Missing cases = 54492

Section XII: Agriculture Assets (3)

Data set name: j17tb2.dta
 Observations: 48,790
 Variable count: 11
 Size: 4,927,790 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: S
 Question Num: CVR1A, CVR1B, CVR1C, CVR1D, CVR1E
 Question Text: Changwat, Amphoe, Tambon, Village, Household Number

Unique Values / Codes	
Unique values = 2870	
Valid cases = 48790	Missing cases = 0

Variable Name: fa8
 Label: number of ponds
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: FA8
 Question Text: How many shrimp or fish ponds for raising adult shrimp or fish (i.e. only the big ponds, not the little one for breeding!) does this household own? (If none, skip to FA14)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-25	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	25	.207547	1.00217

Valid cases = 38743

Missing cases = 10047

Variable Name: fa9a
 Label: line # ID of pond
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num:
 Question Text: Pond # [different form on survey]"

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-17	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	17	2.70538	2.65008

Valid cases = 465

Missing cases = 48325

Variable Name: fa9
 Label: size of pond
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: FA9
 Question Text: How big is this pond? (Record the answer in rai)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-50	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	50	3.06338	4.79792

Valid cases = 456

Missing cases = 48334

Variable Name: fa10
 Label: shrimp or fish pond
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: FA10
 Question Text: Is this a shrimp or a fish pond? (1 - shrimp, 3 - fish, 5 - shrimp and fish pond, 7 - other)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	shrimp
3	fish
5	shrimp and fish pond
7	other
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	127	29.00
3	311	71.00
.c	35445	-----
.y	12907	100.00

	= 48790	

Valid cases = 438

Missing cases = 48352

Variable Name: fa11
 Label: years pond in operating
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: FA11
 Question Text: For how many years has this pond been operation?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-45	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	45	4.73275	5.86014

Valid cases = 455

Missing cases = 48335

Variable Name: fa12
 Label: cost of pond
 Type: N
 Position: 7
 Survey/Derived: S
 Question Num: FA12
 Question Text: How much did it cost to build this pond?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0 -240000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	240000	20151.1	28816.1

Valid cases = 459

Missing cases = 48331

Variable Name: fa13
Label: source of fund
Type: C
Position: 8
Survey/Derived: S
Question Num: FA13
Question Text: How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip top FA14.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
IV	invalid valu
MI	missing value
NA	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	159	0.33
AG	2	0.00
AGD	5	0.01
AK	2	0.00
AQ	3	0.01
B	4	0.01
C	22	0.05
D	54	0.11
DAG	1	0.00
DG	1	0.00
F	17	0.03
G	57	0.12
GD	3	0.01
GK	1	0.00
H	49	0.10
K	4	0.01
L	11	0.02
M	2	0.00
O	1	0.00
P	1	0.00
Q	37	0.08
IV (invalid value)	1	0.00
MI (missing value)	12898	26.44
NA (not applicable)	35455	72.67
	-----	-----
	= 48790	100.00

Valid cases = 436

Missing cases = 48354

Variable Name: fa13o
 Label: other of fa13
 Type: C
 Position: 9
 Survey/Derived: S
 Question Num: FA13
 Question Text: How did you get the money to buy this item?
 Q- other (specify)

Unique Values / Codes	
Unique values = 24	
Unique missing data codes = 2	
Valid cases = 40	Missing cases: MI (missing value) = 13305 NA (not applicable) = 35445

Variable Name: fa13a
 Label: largest source of fund
 Type: C
 Position: 10
 Survey/Derived: S
 Question Num: FA13A
 Question Text: What was the largest source of money to build this pond?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	5	0.01
D	3	0.01
G	7	0.01
Q	3	0.01
MI (missing value)	13325	27.33
NA (not applicable)	35447	72.65
	-----	-----
	= 48790	100.00

Valid cases = 18

Missing cases = 48772

*Note: Skip this question if select only one source of money in FA13.

Variable Name: fa13b
 Label: amount of largest fund
 Type: N
 Position: 11
 Survey/Derived: S
 Question Num: FA13B
 Question Text: How much money came from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0 -30000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	30000	14220.9	9472.14

Valid cases = 24

Missing cases = 48766

*Note: Skip this question if select only one source of money in FA13.

Section XIII: Household Business (1)

Data set name: j19fix.dta
 Observations: 2,866
 Variable count: 11
 Size: 693,572 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2866	
Valid cases = 2866	Missing cases = 0

Variable Name: ba1
 Label: business ownership
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BA1
 Question Text: Does anyone in this household own a business or part of a business? If no, skip to LA0. Include Shrimp or Fish Farms.

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	608	21.21
3	2258	78.79
	-----	-----
	= 2866	100.00

Valid cases = 2866

Missing cases = 0

Variable Name: ba2
 Label: number of business owned
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: BA2
 Question Text: If yes, how many businesses does this household own all or a part of?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-4	number
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	491	17.13
2	85	2.97
3	20	0.70
4	4	0.14
.c	2258	78.79
.y	8	0.28
	-----	-----
	= 2866	100.00

Valid cases = 600

Missing cases = 2266

Variable Name: ba3a
Label: 1st business owned
Type: N
Position: 4
Survey/Derived: S
Question Num: BA3
Question Text: What type of business does this household own all or a part of? (List up to four. If the household owns more than four businesses, list the four with the highest revenue.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	shop
3	mechanic/repair shop
5	hair salon/barber
7	rice miller
9	shrimp farmer
11	fish farmer
13	shrimp and fish farmer
15	pickup rental service
17	trader
19	restaurant/noodle shop
21	other (specify)
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	154	5.37
3	12	0.42
5	10	0.35
7	16	0.56
9	42	1.47
11	103	3.59
13	5	0.17
15	23	0.80
17	50	1.74
19	30	1.05
21	161	5.62
.c	2258	78.79
.y	2	0.07
	= 2866	100.00

Valid cases = 606

Missing cases = 2260

Variable Name: ba3b
Label: 2nd business owned
Type: N
Position: 5
Survey/Derived: S
Question Num: BA3
Question Text: What type of business does this household own all or a part of? (List up to four. If the household owns more than four businesses, list the four with the highest revenue.)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	shop
3	mechanic/repair shop
5	hair salon/barber
7	rice miller
9	shrimp farmer
11	fish farmer
13	shrimp and fish farmer
15	pickup rental service
17	trader
19	restaurant/noodle shop
21	other (specify)
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	12	0.42
3	4	0.14
7	3	0.10
9	3	0.10
11	11	0.38
15	5	0.17
17	4	0.14
19	13	0.45
21	53	1.85
.c	2258	78.79
.y	500	18.45
	-----	-----
	= 2866	100.00

Valid cases = 108

Missing cases = 2758

Variable Name: ba3c
Label: 3rd business owned
Type: N
Position: 6
Survey/Derived: S
Question Num: BA3
Question Text: What type of business does this household own all or a part of? (List up to four. If the household owns more than four businesses, list the four with the highest revenue.)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	shop
3	mechanic/repair shop
5	hair salon/barber
7	rice miller
9	shrimp farmer
11	fish farmer
13	shrimp and fish farmer
15	pickup rental service
17	trader
19	restaurant/noodle shop
21	other (specify)
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1	0.03
7	1	0.03
17	3	0.10
19	2	0.07
21	17	0.59
.c	2258	78.79
.y	584	20.38
	= 2866	100.00

Valid cases = 24

Missing cases = 2842

Variable Name: ba3d
Label: 4th business owned
Type: N
Position: 7
Survey/Derived: S
Question Num: BA3
Question Text: What type of business does this household own all or a part of? (List up to four. If the household owns more than four businesses, list the four with the highest revenue.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	shop
3	mechanic/repair shop
5	hair salon/barber
7	rice miller
9	shrimp farmer
11	fish farmer
13	shrimp and fish farmer
15	pickup rental service
17	trader
19	restaurant/noodle shop
21	other (specify)
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
5	1	0.03
17	1	0.03
21	1	0.03
.c	2258	78.79
.y	605	21.11
	= 2866	100.00

Valid cases = 3

Missing cases = 2863

Variable Name: ba3ao
 Label: other of ba3a
 Type: C
 Position: 8
 Survey/Derived: S
 Question Num: BA3
 Question Text: What type of business does this household own all or a part of?
 21- other (specify)

Unique Values / Codes	
Unique values = 135 Unique missing data codes = 2	
Valid cases = 184	Missing cases: MI (missing value) = 424 NA (not applicable) = 2258

Variable Name: ba3bo
 Label: other of ba3b
 Type: C
 Position: 9
 Survey/Derived: S
 Question Num: BA3
 Question Text: What type of business does this household own all or a part of?
 21- other (specify)

Unique Values / Codes	
Unique values = 47 Unique missing data codes = 2	
Valid cases = 57	Missing cases: MI (missing value) = 551 NA (not applicable) = 2258

Variable Name: ba3co
 Label: other of ba3c
 Type: C
 Position: 10
 Survey/Derived: S
 Question Num: BA3
 Question Text: What type of business does this household own all or a part of?
 21- other (specify)

Unique Values / Codes	
Unique values = 18 Unique missing data codes = 2	
Valid cases = 21	Missing cases: MI (missing value) = 587 NA (not applicable) = 2258

Variable Name: ba3do
 Label: other of ba3d
 Type: C
 Position: 11
 Survey/Derived: S
 Question Num: BA3
 Question Text: What type of business does this household own all or a part of?
 21- other (specify)

Unique Values / Codes	
Unique values = 3 Unique missing data codes = 2	
Valid cases = 3	Missing cases: MI (missing value) = 605 NA (not applicable) = 2258

Section XIII: Household Business (2)

Data set name: jba.dta
 Observations: 607
 Variable count: 36
 Size: 364,200 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 607	
Valid cases = 607	Missing cases = 0

Variable Name: ba4
 Label: number of years in business
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BA4
 Question Text: How many years has this business been in existence?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-101	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	101	7.15894	9.6872

Valid cases = 604

Missing cases = 3

Variable Name: ba5
 Label: source of idea
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: BA5
 Question Text: Where did the idea to start the business come from?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	household member
3	government organization (specify)
5	non-government organization (specify)
7	company who sells input
9	books
11	observing someone else
13	television program
15	commercial advertisement
17	other (specify)
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	265	43.66
3	22	3.62
7	5	0.82
9	1	0.16
11	206	33.94
13	7	1.15
17	97	15.98
.y	4	0.66
	-----	-----
	= 607	100.00

Valid cases = 603

Missing cases = 4

Variable Name: ba5o
Label: other of ba5
Type: C
Position: 4
Survey/Derived: S
Question Num: BA5O3
Question Text: Other (specify)

Unique Values / Codes	
Unique values = 83	
Unique missing data codes = 2	
Valid cases = 101	Missing cases: MI (missing value) = 6 NA (not applicable) = 500

Variable Name: ba6
 Label: own all of the business
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: BA6
 Question Text: Do you, or members of your household own all of the business? (1 –yes, 3-no; If yes, skip to BA9.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency			
<u>Value</u>	<u>Count</u>	<u>Percent</u>	
1	589	97.03	
3	16	2.64	
.y	2	0.33	
	-----	-----	
	= 607	100.00	

Valid cases = 605

Missing cases = 2

Variable Name: ba7
 Label: percentage owned by household
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: BA7
 Question Text: What percentage is owned by this household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
7-99	percentage
.c	not applicable

Means			
<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
7	99	47.16667	30.20372

Valid cases = 18

Missing cases = 589

*Note: Skip this question if select "1(yes)" in BA6.

Variable Name: ba8
 Label: who else owns business
 Type: C
 Position: 7
 Survey/Derived: S
 Question Num: BA8
 Question Text: Who else owns this business?

Unique Values / Codes	
Unique values = 12 Unique missing data codes = 2	
Valid cases = 13	Missing cases: MI (missing value) = 5 NA (not applicable) = 589

*Note: Skip this question if select "1(yes)" in BA6.

Variable Name: ba9
 Label: number of workers
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: BA9
 Question Text: How many people together worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-52	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	52	2.61538	3.31777
Valid cases = 598		Missing cases = 9	

Variable Name: ba10
 Label: worker from the household
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: BA10
 Question Text: How many of these people are members of the household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-12	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	12	2.04485	1.30645

Valid cases = 602

Missing cases = 5

Variable Name: ba11
 Label: whether paid cash
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: BA11
 Question Text: During the past 12 months, has this business paid anyone in cash or in kind to work here? If no skip to BA16.

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	58	9.56
3	542	89.29
.y	7	1.15
	-----	-----
	= 607	100.00

Valid cases = 600

Missing cases = 7

Variable Name: ba12
 Label: number of worker paid
 Type: N
 Position: 11
 Survey/Derived: S
 Question Num: BA12
 Question Text: How many workers were paid?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-50	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	50	5.63793	7.91778

Valid cases = 58

Missing cases = 549

*Note: Skip this question if select "3(no)" in BA11.

Variable Name: ba13
 Label: lowest daily wage paid
 Type: N
 Position: 12
 Survey/Derived: S
 Question Num: BA13
 Question Text: What was the lowest daily wage that you paid to anyone over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-15000	number
.c	not applicable
.y	missing data

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	15000	562.311	2026.94

Valid cases = 61

Missing cases = 546

*Note: Skip this question if select "3(no)" in BA11.

Variable Name: ba14
 Label: highest daily wage paid
 Type: N
 Position: 13
 Survey/Derived: S
 Question Num: BA14
 Question Text: What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BA16.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-15000	Number
.	Missing

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	15000	774.483	2363.52

Valid cases = 60

Missing cases = 547

*Note: Skip this question if select "3(no)" in BA11.

Variable Name: ba15
Label: how to determine wage
Type: C
Position: 14
Survey/Derived: S
Question Num: BA15
Question Text: (If lowest and highest wage are not the same) What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid low wage? How many people are paid the high wage?

Unique Values / Codes	
Unique values = 23	
Unique missing data codes = 1	
Valid cases = 23	Missing cases: MI (missing value) = 584

*Note: Skip this question if select "3(no)" in BA11.

Variable Name: ba22
Label: additional fund for non-asset
Type: N
Position: 15
Survey/Derived: S
Question Num: BA22
Question Text: Besides the funds that you need to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1 – yes, 3 – no. If no skip to BA26.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	176	29.00
3	422	69.52
.y	9	1.48
	-----	-----
	= 607	100.00

Valid cases = 598

Missing cases = 9

Variable Name: ba23
 Label: why need additional fund
 Type: C
 Position: 16
 Survey/Derived: S
 Question Num: BA23
 Question Text: What did you need the additional funding for?

Unique Values / Codes	
Unique values = 155 Unique missing data codes = 2	
Valid cases = 163	Missing cases: MI (missing value) = 22 NA (not applicable) = 422

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba24
 Label: amount of additional fund
 Type: N
 Position: 17
 Survey/Derived: S
 Question Num: BA24
 Question Text: How much additional funding did you need? (Indicate total amount in Bhat)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 3000000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	3000000	130995	363616

Valid cases = 181

Missing cases = 426

Variable Name: ba25_1
Label: from cash saving
Type: N
Position: 18
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 1- Cash that had been saved up

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 2000000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	2000000	33033.3	169190

Valid cases = 178

Missing cases = 429

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_2
Label: from land/asset sale
Type: N
Position: 19
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 2- Cash that was raised from selling land or other assets

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 3000000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	3000000	18212.29	224899.8

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_3
Label: from store credit
Type: N
Position: 20
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 3- Credit from store

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 100000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	100000	793.2961	8034.809

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_4
Label: from commercial bank
Type: N
Position: 21
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 4- Funds borrowed from Commercial Bank

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 1800000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1800000	21324.02	144229

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_5
Label: from BAAC
Type: N
Position: 22
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 5- Funds borrowed from BAAC

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 1000000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1000000	25707.22	99858.25

Valid cases = 180

Missing cases = 427

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_6
Label: from Agr. Cooperative
Type: N
Position: 23
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 6- Funds borrowed from Agricultural Cooperative

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 300000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	300000	5388.889	29319.35

Valid cases = 180

Missing cases = 427

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_7
Label: from PCG
Type: N
Position: 24
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 7- Funds borrowed from PCG

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_8
Label: from other organization
Type: N
Position: 25
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 8- Funds borrowed from other organization(specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 800000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	800000	6905.028	62351.01

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_9
 Label: from relatives
 Type: N
 Position: 26
 Survey/Derived: D
 Question Num: BA25
 Question Text: How did you get this additional funding? (indicate total amount in Baht)
 9- Funds borrowed from relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 470000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	470000	4072.63	35684

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_10
 Label: from non-relatives
 Type: N
 Position: 27
 Survey/Derived: D
 Question Num: BA25
 Question Text: How did you get this additional funding? (indicate total amount in Baht)
 10- Funds borrowed from non-relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 30000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	30000	245.8101	2367.481

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_11
Label: from moneylender
Type: N
Position: 28
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 11- Funds borrowed from moneylender

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 150000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	150000	1564.246	12578.3

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_12
Label: from gift
Type: N
Position: 29
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 12- gift

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_13
Label: from employer
Type: N
Position: 30
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 13- From employer

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 1000000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1000000	5888.268	74754.65

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25_14
Label: from other sources
Type: N
Position: 31
Survey/Derived: D
Question Num: BA25
Question Text: How did you get this additional funding? (indicate total amount in Baht)
 14- other(specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 200000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	200000	3573.74	17849.4

Valid cases = 179

Missing cases = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25o1
 Label: other of ba25_8
 Type: C
 Position: 32
 Survey/Derived: S
 Question Num: BA25O1
 Question Text: Funds borrowed from other organization (specify) BA25O1

Unique Values / Codes	
Unique values = 2 Unique missing data codes = 2	
Valid cases = 2	Missing cases: MI (missing value) = 177 NA (not applicable) = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba25o2
 Label: other of ba25_14
 Type: C
 Position: 33
 Survey/Derived: S
 Question Num: BA25O2
 Question Text: Other(specify) BA25O2

Unique Values / Codes	
Unique values = 19 Unique missing value codes = 2	
Valid cases = 19	Missing cases: MI (missing value) = 160 NA (not applicable) = 428

*Note: Skip this question if select "3(no)" in BA22.

Variable Name: ba26
 Label: increase size be profitable
 Type: N
 Position: 34
 Survey/Derived: S
 Question Num: BA26
 Question Text: If you could increase the size of your business do you think it would be more profitable? (1-yes, 3-no. If no skip to BA28.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

	Frequency	
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	322	53.05
3	272	44.65
.y	14	2.31
	-----	-----
	= 607	100.00

Valid cases = 593

Missing cases = 14

Variable Name: **ba27**
 Label: barrier to increase size
 Type: C
 Position: 35
 Survey/Derived: S
 Question Num: BA27A
 Question Text: (If yes) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business?

Unique Values / Codes	
Unique values = 247	
Unique missing data codes = 2	
Valid cases = 314	Missing cases: MI (missing value) = 22 NA (not applicable) = 271

*Note: Skip this question if select "3(no)" in BA26.

Variable Name: **ba27b**
 Label: why not borrow fund
 Type: C
 Position: 36
 Survey/Derived: S
 Question Num: BA27B
 Question Text: Probe about why they can't or do not want to borrow the necessary funds.

Unique Values / Codes	
Unique values = 223	
Unique missing data codes = 2	
Valid cases = 260	Missing cases: MI (missing value) = 76 NA (not applicable) = 271

*Note: Skip this question if select "3(no)" in BA26.

Section XIII: Household Business (3)

Data set name: jbatlab.dta
 Observations: 9,105
 Variable count: 10
 Size: 1,028,865 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 607	
Valid cases = 9105	Missing cases = 0

Variable Name: ba16a
 Label: line # ID of business asset
 Type: N
 Position: 2
 Survey/Derived: D
 Question Num: BA16
 Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-15	line #
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	581	6.38
2	510	5.60
3	328	3.60
4	206	2.26
5	134	1.47
6	81	0.89
7	53	0.58
8	36	0.40
9	21	0.23
10	15	0.16
11	12	0.13
12	11	0.12
13	10	0.11
14	6	0.07
15	5	0.05
.y	7096	77.94
	----- = 9105	----- 100.00

Valid cases = 2009

Missing cases = 7096

Variable Name: ba16
 Label: business asset description
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num: BA16
 Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes	
Unique values = 621	
Unique missing data codes = 2	
Valid cases = 1430	Missing cases: MI (missing value) = 7670 NA (not applicable) = 5

Variable Name: ba17
 Label: number of this asset
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: BA17
 Question Text: How many____ (ask about assets identified in BA16) does the household own?
 (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-500	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	500	7.37375	35.2627

Valid cases = 998

Missing cases = 8107

Variable Name: ba18
Label: cost of this asset
Type: N
Position: 5
Survey/Derived: S
Question Num: BA18
Question Text: How much did this____ (name asset) cost?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 5000000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	5000000	61073.3	282067

Valid cases = 1426

Missing cases = 7679

Variable Name: ba19
Label: sources of funds
Type: C
Position: 6
Survey/Derived: S
Question Num: BA19
Question Text: How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to BA20.)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	771	8.47
AC	3	0.03
AD	6	0.07
AE	7	0.08
AF	3	0.03
AG	2	0.02
AK	6	0.07
AKD	1	0.01
AM	1	0.01
AN	1	0.01
AO	2	0.02
AQ	6	0.07
B	14	0.15
C	18	0.20
D	214	2.35
DA	2	0.02
DE	2	0.02
DL	1	0.01
E	22	0.24
F	26	0.29
FA	7	0.08
G	32	0.35
GAE	1	0.01
Gk	1	0.01
H	19	0.21
J	3	0.03
K	24	0.26
KA	2	0.02
KD	1	0.01
KGD	1	0.01
L	5	0.05
M	8	0.09
MA	1	0.01
N	2	0.02
O	38	0.42
P	4	0.04
Q	146	1.60
QA	1	0.01
QB	1	0.01
QG	2	0.02
QK	1	0.01
QM	1	0.01
QQ	1	0.01
MI(missing value)	7690	84.46
NA(not applicable)	5	0.05
	-----	-----
	= 9105	100.00

Valid cases = 1410

Missing cases = 7695

Variable Name: ba19o
 Label: other of ba19
 Type: C
 Position: 7
 Survey/Derived: S
 Question Num: BA19
 Question Text: Other (specify)

Unique Values / Codes	
Unique values = 86 Unique missing data codes = 2	
Valid cases = 159	Missing cases: MI (missing value) = 3 NA (not applicable) = 8943

Variable Name: ba19a
 Label: largest source of fund
 Type: C
 Position: 8
 Survey/Derived: S
 Question Num: BA19A
 Question Text: What was the largest source of the money to buy this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	20	0.22
C	2	0.02
D	9	0.10
E	7	0.08
F	4	0.04
G	3	0.03
K	4	0.04
N	1	0.01
Q	6	0.07
MI(missing value)	7703	84.60
NA(not applicable)	1346	14.78
	= 9105	100.00

Valid cases = 56

Missing cases = 9049

*Note: Skip this question if select only one source of money in BA19.

Variable Name: ba19b
 Label: amount of largest fund
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: BA19B
 Question Text: How much money came from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-4000000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	4000000	203927	604171

Valid cases = 63

Missing cases = 9042

*Note: Skip this question if select only one source of money in BA19.

Variable Name: ba20
 Label: years asset owned
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: BA20
 Question Text: For how many years has the household owned this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-59	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	59	5.09478	5.90108

Valid cases = 1302

Missing cases = 7803

Section XIII: Household Business (4)

Data set name: jbb.dta
 Observations: 108
 Variable count: 35
 Size: 53,568 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 108	
Valid cases = 108	Missing cases = 0

*Comments: The variable label should be "ISSA Case ID (Cvr1a,b,c,d,e)" ?

Variable Name: bb4
 Label: number of years in business
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BB4
 Question Text: How many years has this business been in existence?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-56	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	56	6.26667	7.86456
Valid cases = 105		Missing cases = 3	

Variable Name: **bb5**
Label: source of idea
Type: N
Position: 3
Survey/Derived: S
Question Num: BB5
Question Text: Where did the idea to start the business come from?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	household member
3	government organization (specify)
5	non-government organization (specify)
7	company who sells input
9	books
11	observing someone else
13	television program
15	commercial advertisement
17	other (specify)

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	51	47.22
3	4	3.70
7	1	0.93
11	40	37.04
13	1	0.93
17	11	10.19
	-----	-----
	= 108	100.00

Valid cases = 108

Missing cases = 0

Variable Name: **bb5o**
Label: other of bb5
Type: C
Position: 4
Survey/Derived: S
Question Num: BB5
Question Text: Other (specify)

Unique Values / Codes	
Unique values = 12	
Unique missing data codes = 2	
Valid cases = 13	Missing cases: MI (missing value) = 2 NA (not applicable) = 93

Variable Name: **bb6**
 Label: own all of the business
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: BB6
 Question Text: Do you, or members of your household own all of the business? (1 – yes, 2- no; If yes, skip to BB9)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency			
<u>Value</u>	<u>Count</u>	<u>Percent</u>	
1	107	99.07	
3	1	0.93	
	-----	-----	
	= 108	100.00	

Valid cases = 108

Missing cases = 0

Variable Name: **bb7**
 Label: percentage owned by household
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: BB7
 Question Text: What percentage is owned by this household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
50	percentage
.c	not applicable

Means			
<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
50	50	50	.

Valid cases = 1

Missing cases = 107

*Note: Skip this question if select "1(yes)" in BB6.

Variable Name: **bb8**
 Label: who else owns business
 Type: C
 Position: 7
 Survey/Derived: S
 Question Num: BB8
 Question Text: Who else owns this business?

Unique Values / Codes	
Unique values = 1 Unique missing data codes = 1	
Valid cases = 11	Missing cases: MI (missing value) = 107

*Note: Skip this question if select "1(yes)" in BB6.

Variable Name: **bb9**
 Label: number of workers
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: BB9
 Question Text: How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-10	number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	10	2.518519	1.579551

Valid cases = 108

Missing cases = 0

Variable Name: **bb10**
 Label: worker from the household
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: BB10
 Question Text: How many of these people are members of the household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-7	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	7	2.233645	1.377579

Valid cases = 107

Missing cases = 1

Variable Name: bb11

Label: whether paid cash
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: BB11
 Question Text: During the past 12 months, has this business paid anyone in cash or in kind to work here? (1- yes, 3- no, if no skip to question BB16.)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	11	10.19
3	97	89.81
	-----	-----
	= 108	100.00

Valid cases = 108

Missing cases = 0

Variable Name: bb12

Label: number of worker paid
 Type: N
 Position: 11
 Survey/Derived: S
 Question Num: BB12
 Question Text: How many workers were paid?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1-10	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	10	3	2.645751

Valid cases = 11

Missing cases = 97

*Note: Skip this question if select "3(no)" in BB11.

Variable Name: bb13

Label: lowest daily wage paid
 Type: N
 Position: 12
 Survey/Derived: S
 Question Num: BB13
 Question Text: What was the lowest daily wage that you paid to anyone over the past 12 months?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
50-1200	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
50	1200	217.4545	329.8425

Valid cases = 11

Missing cases = 97

*Note: Skip this question if select "3(no)" in BB11.

Variable Name: bb14

Label: highest daily wage paid
 Type: N
 Position: 13
 Survey/Derived: S
 Question Num: BB14
 Question Text: What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BB16)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
66-1200	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
66	1200	324.7273	393.0122

Valid cases = 11

Missing cases = 97

*Note: Skip this question if select "3(no)" in BB11.

Variable Name: **bb15**
 Label: how to determine wage
 Type: C
 Position: 14
 Survey/Derived: S
 Question Num: BB15
 Question Text: (If lowest and highest wage are not the same) What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid the low wage? How many people are paid the high wage?

Unique Values / Codes	
Unique values = 4 Unique missing data codes = 2	
Valid cases = 2	Missing cases: MI (missing value) = 9 NA (not applicable) = 97

*Note: Skip this question if select "3(no)" in BB11.

Variable Name: **bb22**
 Label: additional fund for non-asset
 Type: N
 Position: 15
 Survey/Derived: S
 Question Num: BB22
 Question Text: Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1- yes, 3- no. If no skip to BB26.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	17	15.74
3	91	84.26
	----- = 108	----- 100.00

Valid cases = 108

Missing cases = 0

Variable Name: **bb23**
 Label: why need additional fund
 Type: C
 Position: 16
 Survey/Derived: S
 Question Num: BB23
 Question Text: What did you need the additional funding for?

Unique Values / Codes	
Unique values = 15 Unique missing data codes = 2	
Valid cases = 15	Missing cases: MI (missing value) = 2 NA (not applicable) = 91

*Note: Skip this question if select "3(no)" in BB22.

Variable Name: **bb24**
 Label: amount of additional fund
 Type: N
 Position: 17
 Survey/Derived: S
 Question Num: BB24
 Question Text: How much additional funding did you need? (indicate total amount in Bhat)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
500- 310000	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
500	310000	60117.6	96193.3

Valid cases = 17

Missing cases = 91

Variable Name: **bb25_1**
 Label: from cash saving
 Type: N
 Position: 18
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 1- Cash that had been saved up

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 310000	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	310000	37382.47	97357.79

Valid cases = 17

Missing cases = 91

Variable Name: bb25_2

Label: from land/asset sale
 Type: N
 Position: 19
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 2- with cash that was raised from selling land or other assets

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: bb25_3

Label: from store credit
 Type: N
 Position: 20
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 3- Credit from store

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: **bb25_4**
 Label: from commercial bank
 Type: N
 Position: 21
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 4- Funds borrowed from Commercial Bank

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 100000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	100000	10625	27195.28

Valid cases = 16

Missing cases = 92

Variable Name: **bb25_5**
 Label: from BAAC
 Type: N
 Position: 22
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 5- Funds borrowed from BAAC

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-35000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	35000	2500	8755.95

Valid cases = 16

Missing cases = 92

Variable Name: **bb25_6**
Label: from Agr. Cooperative
Type: N
Position: 23
Survey/Derived: S
Question Num: BB25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 6- Funds borrowed from Agricultural Cooperative

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 30000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	30000	1875	7500

Valid cases = 16

Missing cases = 92

Variable Name: **bb25_7**
Label: from PCG
Type: N
Position: 24
Survey/Derived: S
Question Num: BB25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 7- Funds borrowed from PCG

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: **bb25_8**
 Label: from other organization
 Type: N
 Position: 25
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 8- Funds borrowed from other organization (specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: **bb25_9**
 Label: from relatives
 Type: N
 Position: 26
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 9- Funds borrowed from relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: bb25_10
 Label: from non-relatives
 Type: N
 Position: 27
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 10- Funds borrowed from non-relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: bb25_11
 Label: from moneylender
 Type: N
 Position: 28
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 11- Funds borrowed from moneylenders

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-30000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	30000	1875	7500

Valid cases = 16

Missing cases = 92

Variable Name: bb25_12
Label: from gift
Type: N
Position: 29
Survey/Derived: S
Question Num: BB25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 12- gift

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: bb25_13
Label: from employer
Type: N
Position: 30
Survey/Derived: S
Question Num: BB25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 13- From employer

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: **bb25_14**
 Label: from other sources
 Type: N
 Position: 31
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 14- Other(specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 16

Missing cases = 92

Variable Name: **bb25o1**
 Label: other of bb25_8
 Type: C
 Position: 32
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 8- Other organization (specify)

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 16 NA (not applicable) = 92

Variable Name: **bb25o2**
 Label: other of bb25_14
 Type: C
 Position: 33
 Survey/Derived: S
 Question Num: BB25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 14- Other (specify)

Unique Values / Codes	
Unique values = 0 Unique missing value codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 16 NA (not applicable) = 92

Variable Name: **bb26**
 Label: increase size be profitable
 Type: N
 Position: 34
 Survey/Derived: S
 Question Num: BB26
 Question Text: If you could increase the size of your business do you think it would be more profitable? (1- yes, 3- no. If no skip to BA28.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	47	43.52
3	61	56.48
	----- = 108	----- 100.00

Valid cases = 108

Missing cases = 0

Variable Name: **bb27**
 Label: barrier to increase size
 Type: C
 Position: 35
 Survey/Derived: S
 Question Num: BB27
 Question Text: (If yes in BB26) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business?

Unique Values / Codes	
Unique values = 46 Unique missing value codes = 1	
Valid cases = 47	Missing cases: NA (not applicable) = 61

*Skip this question if select "3(no)" in BB26.

Section XIII: Household Business (5)

Data set name: jbbtab.dta
 Observations: 1,620
 Variable count: 10
 Size: 173,340 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 108	
Valid cases = 108	Missing cases = 1620

Variable Name: bb16a
 Label: line # ID of business asset
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BB16
 Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-13	line #
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	106	6.54
2	83	5.12
3	52	3.21
4	30	1.85
5	14	0.86
6	9	0.56
7	4	0.25
8	2	0.12
9	2	0.12
10	1	0.06
11	1	0.06
12	1	0.06
13	1	0.06
.y	1314	81.11
	-----	-----
	= 1620	100.00

Valid cases = 306

Missing cases = 1314

Variable Name: bb16

Label: business asset description

Type: C

Position: 3

Survey/Derived: S

Question Num: BB16

Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes
Unique values = 131
Unique missing value codes = 1
Valid cases = 201
Missing cases: MI (missing value) = 1419

Variable Name: bb17

Label: number of this asset

Type: N

Position: 4

Survey/Derived: S

Question Num: BB17

Question Text: How many ____ (ask about the assets identified in BB16) does the household own?
(If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-500	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	500	12.2817	60.076

Valid cases = 142

Missing cases = 1478

Variable Name: **bb18**
 Label: cost of this asset
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: BB18
 Question Text: How much did this____(name asset) cost?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
150- 1900000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
150	1900000	58216.4	185270

Valid cases = 200

Missing cases = 1420

Variable Name: **bb19**
 Label: sources of funds
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: BB19
 Question Text: How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to BB20.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC

H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	123	7.59
AC	1	0.06
AG	1	0.06
AP	1	0.06
B	2	0.12
C	9	0.56
D	23	1.42
E	1	0.06
F	9	0.56
G	1	0.06
H	5	0.31
K	5	0.31
O	2	0.12
P	1	0.06
PA	1	0.06
Q	10	0.62
MI (missing value)	1424	87.90
NA (not applicable)	1	0.06
	-----	-----
	= 1620	100.00

Valid cases = 195

Missing cases = 1425

Variable Name: **bb19o**
Label: other of bb19
Type: C
Position: 7
Survey/Derived: S
Question Num: BB19
Question Text: Other (specify)

Unique Values / Codes	
Unique values = 9	
Unique missing data codes = 1	
Valid cases = 11	Missing cases: NA (not applicable) = 1609

Variable Name: **bb19a**
 Label: largest source of fund
 Type: C
 Position: 8
 Survey/Derived: S
 Question Num: BB19
 Question Text: What was the largest source of money used to buy this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 1428 NA (not applicable) = 192

*Note: Skip this question if select only one source of money in BB19.

Variable Name: **bb19b**
 Label: amount of largest fund
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: BB19
 Question Text: How much money came from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
30000	Number
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
30000	1	0.06
.c	93	5.74
.x	6	0.37
.y	1520	93.83
	-----	-----
	= 1620	100.00

Valid cases = 1

Missing cases = 1619

*Note: Skip this question if select only one source of money in BB19.

Variable Name: **bb20**

Label: years asset owned

Type: N

Position: 10

Survey/Derived: S

Question Num: BB20

Question Text: For how many years has the household owned this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-37	Number
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	37	5.46893	5.5678

Valid cases = 177

Missing cases = 1443

Section XIII: Household Business (6)

Data set name: jbc.dta
 Observations: 24
 Variable count: 36
 Size: 11,712 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 24	
Valid cases = 24	Missing cases = 0

Variable Name: bc4
 Label: number of years in business
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BC4
 Question Text: How many years has this business been in existence?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-39	number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	39	9.45833	11.0177

Valid cases = 24 Missing cases = 0

Variable Name: bc5
 Label: source of idea
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: BC5
 Question Text: Where did the idea to start the business come from?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	household member
3	government organization (specify)
5	non-government organization (specify)
7	company who sells input
9	books
11	observing someone else
13	television program
15	commercial advertisement
17	other (specify)
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	14	58.33
11	6	25.00
13	1	4.17
17	3	12.50
	-----	-----
	= 24	100.00

Valid cases = 24

Missing cases = 0

Variable Name: bc5o
Label: other of bc5
Type: C
Position: 4
Survey/Derived: S
Question Num: BC5
Question Text: Other (specify)

Unique Values / Codes	
Unique values = 3	
Unique missing data codes = 1	
Valid cases = 3	Missing cases: NA (not applicable) = 21

Variable Name: bc6
Label: own all of the business
Type: N
Position: 5
Survey/Derived: S
Question Num: BC6
Question Text: Do you, or members of your household own all of the business? (1 – yes, 3- no; If yes, skip to BC9)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	24	100.00
	-----	-----
	= 24	100.00
Valid cases = 24		Missing cases = 0

Variable Name: bc7
Label: percentage owned by household
Type: N
Position: 6
Survey/Derived: S
Question Num: BC7
Question Text: What percentage is owned by this household?

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 1	
Valid cases = 0	Missing cases: NA (not applicable) = 24

*Note: Skip this question if select "1(yes)" in BC6.

Variable Name: bc8
Label: who else owns business
Type: C
Position: 7
Survey/Derived: S
Question Num: BC8
Question Text: Who else owns this business?

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 1	
Valid cases = 0	Missing cases: NA (not applicable) = 24

*Note: Skip this question if select "1(yes)" in BC6.

Variable Name: bc9
 Label: number of workers
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: BC9
 Question Text: How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-4	number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	4	1.833333	1.00722

Valid cases = 24

Missing cases = 0

Variable Name: bc10
 Label: worker from the household
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: BC10
 Question Text: How many of these people are members of the household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-4	number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	4	1.708333	.9545847

Valid cases = 24

Missing cases = 0

Variable Name: bc11
 Label: whether paid cash
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: BC11
 Question Text: During the past 12 months, has this business paid anyone in cash or in kind to work here? (1- yes, 3- no, if no skip to question BC16.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2	8.33
3	22	91.67
	-----	-----
	= 24	100.00

Valid cases = 24

Missing cases = 0

Variable Name: bc12
Label: number of worker paid
Type: N
Position: 11
Survey/Derived: S
Question Num: BC12
Question Text: How many workers were paid?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	number
.c	not applicable

Means			
<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	1	1	0

Valid cases = 2

Missing cases = 22

*Note: Skip this question if select "3(no)" in BC11.

Variable Name: bc13
Label: lowest daily wage paid
Type: N
Position: 12
Survey/Derived: S
Question Num: BC13
Question Text: What was the lowest daily wage that you paid to anyone over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
70-90	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
70	90	80	14.14214

Valid cases = 2

Missing cases = 22

*Note: Skip this question if select "3(no)" in BC11.

Variable Name: bc14
 Label: highest daily wage paid
 Type: N
 Position: 13
 Survey/Derived: S
 Question Num: BC14
 Question Text: What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BC16)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
70-90	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
70	90	80	14.14214

Valid cases = 2

Missing cases = 22

*Note: Skip this question if select "3(no)" in BC11.

Variable Name: bc15
 Label: how to determine wage
 Type: C
 Position: 14
 Survey/Derived: S
 Question Num: BC15
 Question Text: (If lowest and highest wage are not the same) What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid the low wage? How many people are paid the high wage?

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases: MI (missing value) = 24

*Note: Skip this question if select "3(no)" in BC11.

Variable Name: bc22
 Label: additional fund for non-asset
 Type: N
 Position: 15
 Survey/Derived: S
 Question Num: BC22
 Question Text: Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1- yes, 3- no. If no skip to BC26.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	5	20.83
3	19	79.17
	----- = 24	----- 100.00

Valid cases = 24

Missing cases = 0

Variable Name: bc23
 Label: why need additional fund
 Type: C
 Position: 16
 Survey/Derived: C
 Question Num: BC23
 Question Text: What did you need the additional funding for?

Unique Values / Codes	
Unique values = 5 Unique missing data codes = 1	
Valid cases = 5	Missing cases: NA (not applicable) = 19

*Note: Skip this question if select "3(no)" in BC22.

Variable Name: bc24
 Label: amount of additional fund
 Type: N
 Position: 17
 Survey/Derived: S
 Question Num: BC24
 Question Text: How much additional funding did you need? (indicate total amount in Bhat)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
5000-50000	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
5000	50000	24600	21640.24

Valid cases = 5

Missing cases = 19

*Note: Skip this question if select "3(no)" in BC22.

Variable Name: bc25_1
 Label: from cash saving
 Type: N
 Position: 18
 Survey/Derived: S
 Question Num: BC25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 1- Cash that had been saved up

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-10000	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	10000	4000	4183.3

Valid cases = 5

Missing cases = 19

Variable Name: bc25_2
 Label: from land/asset sale
 Type: N
 Position: 19
 Survey/Derived: S
 Question Num: BA25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 2- with cash that was raised from selling land or other assets

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_3
Label: from store credit
Type: N
Position: 20
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 3- Credit from store

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-8000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	8000	2000	4000

Valid cases = 4

Missing cases = 20

Variable Name: bc25_4
Label: from commercial bank
Type: N
Position: 21
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 4- Funds borrowed from Commercial Bank

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 100000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	100000	25000	50000

Valid cases = 4

Missing cases = 20

Variable Name: bc25_5
Label: from BAAC
Type: N
Position: 22
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 5- Funds borrowed from BAAC

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_6
Label: from Agr. Cooperative
Type: N
Position: 23
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 6- Funds borrowed from Agricultural Cooperative

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_7
Label: from PCG
Type: N
Position: 24
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 7- Funds borrowed from PCG

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_8
Label: from other organization
Type: N
Position: 25
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 8- Funds borrowed from other organization (specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_9
Label: from relatives
Type: N
Position: 26
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 9- Funds borrowed from relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_10
Label: from non-relatives
Type: N
Position: 27
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 10- Funds borrowed from non-relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_11
Label: from moneylender
Type: N
Position: 28
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 11- Funds borrowed from moneylenders

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_12
Label: from gift
Type: N
Position: 29
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 12- gift

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_13
Label: from employer
Type: N
Position: 30
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 13- From employer

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25_14
Label: from other sources
Type: N
Position: 31
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 14- Other(specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 4

Missing cases = 20

Variable Name: bc25o1
Label: other of bc25_8
Type: C
Position: 32
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 8- Other organization (specify)

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 4 NA (not applicable) = 20

Variable Name: bc25o2
Label: other of bc25_14
Type: C
Position: 33
Survey/Derived: S
Question Num: BC25
Question Text: How did you get this additional funding (indicate total amount in Baht)
 14- Other (specify)

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 4 NA (not applicable) = 20

Variable Name: bc26
 Label: increase size be profitable
 Type: N
 Position: 34
 Survey/Derived: S
 Question Num: BC26
 Question Text: If you could increase the size of your business do you think it would be more profitable? (1- yes, 3- no. If no skip to BC28.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	10	41.67
3	14	58.33
	-----	-----
	= 24	100.00

Valid cases = 24

Missing cases = 0

Variable Name: bc27
 Label: barrier to increase size
 Type: C
 Position: 35
 Survey/Derived: S
 Question Num: BC27
 Question Text: (If yes in BC26) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business?

Unique Values / Codes	
Unique values = 10	
Unique missing data codes = 1	
Valid cases = 10	Missing cases: NA (not applicable) = 14

*Skip this question if select "3(no)" in BC26.

Section XIII: Household Business (7)

Data set name: jbtatab.dta
 Observations: 360
 Variable count: 10
 Size: 37,440 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 24	
Valid cases = 360	Missing cases = 0

Variable Name: bc16a
 Label: line # ID of business asset
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BC16
 Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-5	line #
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	24	6.67
2	18	5.00
3	13	3.61
4	4	1.11
5	3	0.83
.y	298	82.78
	-----	-----
	= 360	100.00

Valid cases = 62

Missing cases = 298

Variable Name: bc16
 Label: business asset description
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num: BC16
 Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes	
Unique values = 27 Unique missing data codes = 1	
Valid cases = 38	Missing cases: MI (missing value) = 322

Variable Name: bc17
 Label: number of this asset
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: BC17
 Question Text: How many ____ (ask about the assets identified in BC16) does the household own?
 (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-18	assets #
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	21	5.83
2	3	0.83
3	1	0.28
4	2	0.56
18	1	0.28
.y	332	92.22
	-----	-----
	= 360	100.00

Valid cases = 28

Missing cases = 332

Variable Name: bc18
 Label: cost of this asset
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: BC18
 Question Text: How much did this____(name asset) cost?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1000- 300000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1000	300000	26739.5	54059

Valid cases = 38

Missing cases = 322

Variable Name: bc19
 Label: sources of funds
 Type: C
 Position: 6
 Survey/Derived: S
 Question Num: BC19
 Question Text: How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to BC20.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	25	6.94
D	3	0.83
E	2	0.56
F	2	0.56
G	1	0.28
K	3	0.83
O	1	0.28
Q	1	0.28
MI(missing value)	322	89.44
	= 360	100.00

Valid cases = 28

Missing cases = 332

Variable Name: bc19o
 Label: other of bc19
 Type: C
 Position: 7
 Survey/Derived: S
 Question Num: BC19
 Question Text: Other (specify)

Unique Values / Codes	
Unique values = 1	
Unique missing data codes = 1	
Valid cases = 1	Missing cases: NA (not applicable) = 359

Variable Name: bc19a
 Label: largest source of fund
 Type: C
 Position: 8
 Survey/Derived: S
 Question Num: BC19
 Question Text: What was the largest source of money used to buy this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)

K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Unique values = 0
 Unique missing data codes = 2

Valid cases = 0
 Missing cases:
 MI (missing value) = 322
 NA (not applicable) = 38

*Note: Skip this question if select only one source of money in BC19.

Variable Name: bc19b
 Label: amount of largest fund
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: BC19
 Question Text: How much money came from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	1	1	.

Valid cases = 1

Missing cases = 359

*Note: Skip this question if select only one source of money in BC19.

Variable Name: bc20
Label: years asset owned
Type: N
Position: 10
Survey/Derived: S
Question Num: BC20
Question Text: For how many years has the household owned this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-39	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	39	6.54545	9.43428

Valid cases = 33

Missing cases = 327

Section XIII: Household Business (8)

Data set name: jbd.dta
 Observations: 24
 Variable count: 35
 Size: 11,616 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 24	
Valid cases = 24	Missing cases = 0

Variable Name: bd4
 Label: number of years in business
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BD4
 Question Text: How many years has this business been in existence?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-10	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	10	3.5	3.331666

Valid cases = 6

Missing cases = 18

Variable Name: bd5
 Label: source of idea
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: BD5
 Question Text: Where did the idea to start the business come from?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	household member
3	government organization (specify)
5	non-government organization (specify)
7	company who sells input
9	books
11	observing someone else
13	television program
15	commercial advertisement
17	other (specify)
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	3	12.50
11	1	4.17
17	2	8.33
.y	18	75.00
	-----	-----
	= 24	100.00

Valid cases = 6

Missing cases = 18

Variable Name: **bd5o**
Label: other of bd5
Type: C
Position: 4
Survey/Derived: S
Question Num: BD5
Question Text: Other (specify)

Unique Values / Codes	
Unique values = 2	
Unique missing data codes = 2	
Valid cases = 2	Missing cases:
	MI (missing value) = 18
	NA (not applicable) = 4

Variable Name: **bd6**
Label: own all of the business
Type: N
Position: 5
Survey/Derived: S
Question Num: BD6
Question Text: Do you, or members of your household own all of the business? (1- yes, 3- no; If yes, skip to BD9.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	6	25.00
3	1	4.17
.y	17	70.83
	-----	-----
	= 24	100.00

Valid cases = 17

Missing cases = 7

Variable Name: bd7
Label: percentage owned by household
Type: N
Position: 6
Survey/Derived: S
Question Num: BD7
Question Text: What percentage is owned by this household?

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: .c (not applicable) = 6 .y (missing value) = 18

*Note: Skip this question if select "1(yes)" in BA6.

Variable Name: bd8
Label: who else owns business
Type: C
Position: 7
Survey/Derived: S
Question Num: BD8
Question Text: Who else owns this business?

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 18 NA (not applicable) = 6

*Note: Skip this question if select "1(yes)" in BA6.

Variable Name: **bd9**
 Label: number of workers
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: BD9
 Question Text: How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-3	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	3	2	.8944272

Valid cases = 6

Missing cases = 18

Variable Name: **bd10**
 Label: worker from the household
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: BD10
 Question Text: How many of these people are members of the household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-3	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	3	1.666667	.8164966

Valid cases = 6

Missing cases = 18

Variable Name: **bd11**
 Label: whether paid cash
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: BD11
 Question Text: During the past 12 months, has this business paid anyone in cash or in kind to work here? (1- yes ,3- no. If no skip to BD16.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1	4.17
3	6	25.00
.y	17	70.83
	-----	-----
	= 24	100.00

Valid cases = 7

Missing cases = 17

Variable Name: **bd12**
 Label: number of worker paid
 Type: N
 Position: 11
 Survey/Derived: S
 Question Num: BD12
 Question Text: How many workers were paid?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
2	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
2	2	2	.

Valid cases = 1

Missing cases = 23

*Note: Skip this question if select "3(no)" in BD11.

Variable Name: **bd13**
 Label: lowest daily wage paid
 Type: N
 Position: 12
 Survey/Derived: S
 Question Num: BD13
 Question Text: What was the lowest daily wage that you paid to anyone over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-200	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	200	88.22222	59.95577

Valid cases = 9

Missing cases = 15

*Note: Skip this question if select "3(no)" in BD11.

Variable Name: **bd14**
 Label: highest daily wage paid
 Type: N
 Position: 13
 Survey/Derived: S
 Question Num: BD14
 Question Text: What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BD16.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-200	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	200	79.4	63.0365

Valid cases = 10

Missing cases = 14

*Note: Skip this question if select "3(no)" in BD11.

Variable Name: **bd15**
 Label: how to determine wage
 Type: C
 Position: 14
 Survey/Derived: S
 Question Num: BD15
 Question Text: (If lowest and highest wage are not the same)What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid the low wage? How many people are paid the high wage?

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases: MI (missing value) = 24

*Note: Skip this question if select "3(no)" in BD11.

Variable Name: **bd22**
 Label: additional fund for non-asset
 Type: N
 Position: 15
 Survey/Derived: S
 Question Num: BD22
 Question Text: Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1=yes, 3= no. If no skip to BD26.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2	8.33
3	8	33.33
.y	14	58.33
	-----	-----
	= 24	100.00

Valid cases = 10

Missing cases = 14

Variable Name: **bd23**
 Label: why need additional fund
 Type: C
 Position: 16
 Survey/Derived: S
 Question Num: BD23
 Question Text: What did you need the additional funding for?

Unique Values / Codes	
Unique values = 2 Unique missing data codes = 2	
Valid cases = 2	Missing cases: MI (missing value) = 14 NA (not applicable) = 8

*Note: Skip this question if select "3(no)" in BD22.

Variable Name: **bd24**
 Label: amount of additional fund
 Type: N
 Position: 17
 Survey/Derived: S
 Question Num: BD24
 Question Text: How much additional funding did you need? (indicate total amount in Bhat)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 10000	cumber
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	10000	976.7692	2796.822

Valid cases = 13

Missing cases = 11

*Note: Skip this question if select "3(no)" in BD22.

Variable Name: **bd25_1**
 Label: from cash saving
 Type: N
 Position: 18
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 1- Cash that had been saved up

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u> 0	<u>Max</u> 0	<u>Mean</u> 0	<u>S.D.</u> 0
-----------------	-----------------	------------------	------------------

Valid cases = 14

Missing cases = 10

Variable Name: **bd25_2**

Label: from land/asset sale
 Type: N
 Position: 19
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 2- with cash that was raised from selling land or other assets

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u> 0	<u>Max</u> 0	<u>Mean</u> 0	<u>S.D.</u> 0
-----------------	-----------------	------------------	------------------

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_3**

Label: from store credit
 Type: N
 Position: 20
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 3- Credit from store

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u> 0	<u>Max</u> 0	<u>Mean</u> 0	<u>S.D.</u> 0
-----------------	-----------------	------------------	------------------

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_4**
 Label: from commercial bank
 Type: N
 Position: 21
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 4- Funds borrowed from Commercial Bank

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_5**
 Label: from BAAC
 Type: N
 Position: 22
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 5- Funds borrowed from BAAC

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_6**
 Label: from Agr. Cooperative
 Type: N
 Position: 23
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 6- Funds borrowed from Agricultural Cooperative

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 10000	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	10000	666.6667	2581.989

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_7**
 Label: from PCG
 Type: N
 Position: 24
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 7- Funds borrowed from PCG

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_8**
 Label: from other organization
 Type: N
 Position: 25
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 8- Funds borrowed from other organization (specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_9**
 Label: from relatives
 Type: N
 Position: 26
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 9- Funds borrowed from relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_10**
 Label: from non-relatives
 Type: N
 Position: 27
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 10- Funds borrowed from non-relatives

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_11**
 Label: from moneylender
 Type: N
 Position: 28
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 11- Funds borrowed from moneylenders

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_12**
 Label: from gift
 Type: N
 Position: 29
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 12- gift

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_13**
 Label: from employer
 Type: N
 Position: 30
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 13- From employer

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25_14**
 Label: from other sources
 Type: N
 Position: 31
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 14- Other(specify)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	0	0	0

Valid cases = 15

Missing cases = 9

Variable Name: **bd25o1**
 Label: other of bd25_8
 Type: C
 Position: 32
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 8- Other organization (specify)

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 15 NA (not applicable) = 9

Variable Name: **bd25o2**
 Label: other of bd25_14
 Type: C
 Position: 33
 Survey/Derived: S
 Question Num: BD25
 Question Text: How did you get this additional funding (indicate total amount in Baht)
 14- Other (specify)

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 15 NA (not applicable) = 9

Variable Name: **bd26**
 Label: increase size be profitable
 Type: N
 Position: 34
 Survey/Derived: S
 Question Num: BD26
 Question Text: If you could increase the size of your business do you think it would be more profitable? (1- yes, 3- no. If no skip to BA28.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	3	12.50
3	5	20.83
.y	16	66.67
	-----	-----
	= 24	100.00

Valid cases = 8

Missing cases = 16

Variable Name: **bd27**
 Label: barrier to increase size
 Type: C
 Position: 35
 Survey/Derived: S
 Question Num: BD27
 Question Text: (If yes in BD26) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business?

Unique Values / Codes	
Unique values = 3 Unique missing data codes = 2	
Valid cases = 3	Missing cases: MI (missing value) = 16 NA (not applicable) = 5

*Skip this question if select "3(no)" in BB26.

Section XIII: Household Business (9)

Data set name: jbdtab.dta
 Observations: 360
 Variable count: 10
 Size: 37,440 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 24	
Valid cases = 360	Missing cases = 0

Variable Name: bd16a
 Label: line # ID of business asset
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BD16
 Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-5	line #
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	23	6.39
2	6	1.67
3	3	0.83
4	2	0.56
5	1	0.28
.y	325	90.28
	-----	-----
	= 360	100.00

Valid cases = 35

Missing cases = 325

Variable Name: **bd16**
 Label: business asset description
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num: BD16
 Question Text: What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

Unique Values / Codes	
Unique values = 12 Unique missing data codes = 1	
Valid cases = 12	Missing cases: MI (missing value) = 348

Variable Name: **bd17**
 Label: number of this asset
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: BD17
 Question Text: How many ____ (ask about the assets identified in BD16) does the household own?
 (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-2	assets #
.y	missing value'

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	9	2.50
2	1	0.28
.y	350	97.22
	-----	-----
	= 360	100.00

Valid cases = 10

Missing cases = 350

Variable Name: **bd18**
 Label: cost of this asset
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: BD18
 Question Text: How much did this ____ (name asset) cost?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1000- 420000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1000	420000	46475	120914.3

Valid cases = 12

Missing cases = 348

Variable Name: **bd19**
Label: sources of funds
Type: C
Position: 6
Survey/Derived: S
Question Num: BD19
Question Text: How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to BB20.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value

		Frequency	
<u>Value</u>	<u>Count</u>	<u>Percent</u>	
A	8	2.22	
AE	1	0.28	
D	1	0.28	
F	1	0.28	
O	1	0.28	
MI (missing value)	348	96.67	
	= 360	100.00	

Valid cases = 12 Missing cases = 348

Variable Name: **bd19o**
 Label: other of bd19
 Type: C
 Position: 7
 Survey/Derived: S
 Question Num: BD19
 Question Text: Other (specify)

Unique Values / Codes

Unique values = 0
 Unique missing data codes = 1

Valid cases = 0 Missing cases:
 NA (not applicable) = 360

Variable Name: **bd19a**
 Label: largest source of fund
 Type: C
 Position: 8
 Survey/Derived: S
 Question Num: BD19
 Question Text: What was the largest source of money used to buy this item?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender

N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 2	
Valid cases = 0	Missing cases: MI (missing value) = 349 NA (not applicable) = 11

*Note: Skip this question if select only one source of money in BD19.

Variable Name: **bd19b**
 Label: amount of largest fund
 Type: N
 Position: 9
 Survey/Derived: D
 Question Num: BD19
 Question Text: How much money came from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	1	1	.

Valid cases = 1

Missing cases = 359

*Note: Skip this question if select only one source of money in BD19.

Variable Name: **bd20**
 Label: years asset owned
 Type: N
 Position: 10
 Survey/Derived: S
 Question Num: BD20
 Question Text: For how many years has the household owned this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-10	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	10	3.636364	2.460599

Valid cases = 11

Missing cases = 349

Section XIV: Housing and Landholding (1)

Data set name: j20.dta
 Observations: 2,875
 Variable count: 10
 Size: 92,000 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 2875	Missing cases = 0

Variable Name: la1
 Label: own or rent house
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: LA1
 Question Text: Does your household own or rent this house? (1- rent, 3- own; if own skip to LA3.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	rent
3	own
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	111	3.86
3	2761	96.03
.y	3	0.10
	-----	-----
	= 2875	100.00

Valid cases = 2872

Missing cases = 3

Variable Name: la2
Label: monthly rent
Type: N
Position: 3
Survey/Derived: S
Question Num: LA2
Question Text: (renters only) What is the monthly rent?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-2200	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	2200	130.944	408.047

Valid cases = 108

Missing cases = 2767

*Note: Skip this question if select "3(own)" in LA1.

Variable Name: la3
Label: value of house and plot
Type: N
Position: 4
Survey/Derived: S
Question Num: LA3
Question Text: If someone wanted to buy a house like yours in this village, how much would they have to pay (for the house and the house plot)?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 24000000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	24000000	402623	1.1e+06

Valid cases = 2874

Missing cases = 1

Variable Name: la4
 Label: number of Rai cultivated
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: LA4
 Question Text: How many rai did your household cultivate during the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-635	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	635	20.0174	31.0672

Valid cases = 2872

Missing cases = 3

Variable Name: la5
 Label: number of plots cultivated
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: LA5
 Question Text: How many plots does your household cultivate?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-20	number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	20	2.5113	1.3611

Valid cases = 2875

Missing cases = 0

Variable Name: la21
Label: other land owned
Type: N
Position: 7
Survey/Derived: S
Question Num: LA21
Question Text: Besides the land that the household cultivates, does the household own any other land? (1-yes, 3-no; if no skip to LA34.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	611	21.25
3	2262	78.68
.y	2	0.07
	-----	-----
	= 2875	100.00

Valid cases = 2873

Missing cases = 2

Variable Name: la22
Label: number of other plot owned
Type: N
Position: 8
Survey/Derived: S
Question Num: LA22
Question Text: How many other plots do you own?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-6	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	6	1.351307	.7562819

Valid cases = 612

Missing cases = 2263

Variable Name: la34
Label: land loss
Type: N
Position: 9
Survey/Derived: S
Question Num: LA34
Question Text: In the past 15 years, has the household gotten rid of any land? (sold it, lost it because of default, given it to children, mortgaged land, other, 1- yes, 3- no; if no skip to LA44.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	592	20.59
3	2283	79.41
	-----	-----
	= 2875	100.00

Valid cases = 2875

Missing cases = 0

Variable Name: la35
Label: how many land loss
Type: N
Position: 10
Survey/Derived: S
Question Num: LA35
Question Text: How many times did you get rid of land during the past 15 years? (assign a number to each land loss during the past 15 years and record the number in LA36 in the table below)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-7	number
.y	missing value

Means			
<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	7	1.405405	.8536799

Valid cases = 592

Missing cases = 2283

Section XIV: Housing and Landholding (2)

Data set name: j20tb1.dta
 Observations: 20,125
 Variable count: 23
 Size: 5,313,000 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 20125	Missing cases = 0

Variable Name: la6
 Label: plot # ID
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: LA6
 Question Text: Write a number for each plot that your household cultivate in the table below

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-7	plot id
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2875	14.29
2	2189	10.88
3	1275	6.34
4	517	2.57
5	203	1.01
6	93	0.46
7	40	0.20
.y	12933	64.26
	-----	-----
	= 20125	100.00

Valid cases = 7192

Missing cases = 12933

Variable Name: la7
Label: land type
Type: N
Position: 3
Survey/Derived: S
Question Num: LA7
Question Text: What type of land is in this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	residential
3	land for livestock
5	land for paddy
7	land for field crops
9	land for tree crops
11	land for vegetable crops
13	land for shrimp or fish raising
15	other (specify)
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2838	14.10
3	77	0.38
5	2503	12.44
7	992	4.93
9	258	1.28
11	86	0.43
13	197	0.98
15	236	1.17
.y	12938	64.29
	-----	-----
	= 20125	100.00

Valid cases = 7187

Missing cases = 12938

Variable Name: la7o
Label: other of la7
Type: C
Position: 4
Survey/Derived: S
Question Num: LA7
Question Text: What type of land is in this plot?
 15- Other (specify) LA7O

Unique Values / Codes	
Unique values = 158	
Unique missing data codes = 2	
Valid cases = 228	Missing cases: MI (missing value) = 12946 NA (not applicable) = 6951

Variable Name: la8
Label: claim to plot
Type: N
Position: 5
Survey/Derived: S
Question Num: LA8
Question Text: What claim does the household have to this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	own plot
3	rent plot for money
5	rent plot fro portion of harvest
7	pay no rent - plot owned by relatives
9	pay no rent - plot owned by non-relatives
11	pay no rent - plot is on public land/ or land that is not used
13	someone has mortgaged this plot to your household
15	other (specify)
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	5578	27.72
3	695	3.45
5	231	1.15
7	546	2.71
9	30	0.15
11	27	0.13
13	36	0.18
15	36	0.18
.c	1	0.00
.y	12945	64.32
	-----	-----
	= 20125	100.00

Valid cases = 7179

Missing cases = 12946

Variable Name: la8o
Label: other of la8
Type: C
Position: 6
Survey/Derived: S
Question Num: LA8
Question Text: What claim does the household have to this plot?
 15- other (specify) LA8O

Unique Values / Codes	
Unique values = 25 Unique missing data codes = 2	
Valid cases = 29	Missing cases: MI (missing value) = 12953 NA (not applicable) = 7143

Variable Name: la9
Label: title to plot
Type: N
Position: 7
Survey/Derived: S
Question Num: LA9
Question Text: What type of land certificate covers this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	chanod
3	NS3
5	NS3K
7	SK1
9	Saw Paw Kae
11	Sor Tor Kor
13	Application for land use
15	economic forest reserve area
17	non-economic forest reserve area
19	other(specify)
.b	don't know
.c	not applicable
.y	missing value

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2979	14.80
3	1078	5.36
5	167	0.83
7	173	0.86
9	818	4.06
11	72	0.36
13	185	0.92
15	22	0.11
17	270	1.34
19	1359	6.75
.b	48	0.24
.c	9	0.04
.y	12945	64.32
	-----	-----
	= 20125	100.00

Valid cases = 7123

Missing cases = 13002

Variable Name: la9o
Label: other of la9
Type: C
Position: 8
Survey/Derived: S
Question Num: LA9
Question Text: What type of land certificate covers this plot?
 19- other(specify)

Unique Values / Codes	
Unique values = 214	
Unique missing data codes = 3	
Valid cases = 1241	Missing cases: IV (invalid value) = 1 MI (missing value) = 13120 NA (not applicable) = 5763

Variable Name: la10
Label: how many Rai in plot
Type: N
Position: 9
Survey/Derived: S
Question Num: LA10
Question Text: How many rai are in this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
.01-505	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
.01	505	7.95774	13.8887

Valid cases = 7191

Missing cases = 12934

Variable Name: la11
Label: what year plot acquired
Type: N
Position: 10
Survey/Derived: S
Question Num: LA11
Question Text: In what year was this plot acquired? (If the household rents, then ask: Since what year have you (or members of this household) been continuously renting this plot)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1981-2994	year
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Unique values = 88
 Unique missing data codes = 4

Valid cases = 7045

Missing cases:
 .b (don't know) = 87
 .c (not applicable) = 3
 .x (invalid value) = 12
 .y (missing value) = 12978

Variable Name: la12
Label: how plot was acquired
Type: N
Position: 11
Survey/Derived: S
Question Num: LA12
Question Text: How was this plot acquired? (If LA12 is not 1, then skip to LA14)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	purchased
3	inherited
5	cleared
7	land reform program
9	rented land
11	from a relative
13	other (specify)
.b	don't know
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1912	9.50
3	3342	16.61
5	224	1.11
7	115	0.57
9	931	4.63
11	397	1.97
13	247	1.23
.b	1	0.00
.y	12956	64.38
	-----	-----
	= 20125	100.00

Valid cases = 7168

Missing cases = 12957

Variable Name: la12o
Label: other of la12
Type: C
Position: 12
Survey/Derived: S
Question Num: LA12
Question Text: How was this plot acquired? (If LA12 is not 1, then skip to LA14)
 13- other(specify)

Unique Values / Codes	
Unique values = 126	
Unique missing data codes = 2	
Valid cases = 240	Missing cases: MI (missing value) = 12964 NA (not applicable) = 6921

Variable Name: la13
Label: how plot was financed
Type: C
Position: 13
Survey/Derived: S
Question Num: LA13
Question Text: (If LA12 =1) What were the sources of financing for this land purchase? (Record all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
DK	don't know
MI	missing value
NA	not applicable

Unique Values / Codes	
Unique values = 53 Unique missing data codes = 3	
Valid cases = 1753	Missing cases: DK (don't know) = 1 MI (missing value) = 13115 NA (not applicable) = 5256

*Note: Skip this question if NOT select "1(purchased)" in LA12.

Variable Name: la13o
Label: other of la13
Type: C
Position: 14
Survey/Derived: S
Question Num: LA13
Question Text: (If LA12 =1) What were the sources of financing for this land purchase? (Record all that apply)
 - other (specify)

Unique Values / Codes	
Unique values = 70 Unique missing data codes = 2	
Valid cases = 121	Missing cases: MI (missing value) = 14748 NA (not applicable) = 5256

*Note: Skip this question if NOT select "1(purchased)" in LA12.

Variable Name: la13a
Label: largest source of funds
Type: C
Position: 15
Survey/Derived: S
Question Num: LA13A
Question Text: What was the largest source of financing for this land purchase?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
IV	invalid value
MI	missing value
NA	not applicable

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	27	0.13
B	5	0.02
C	8	0.04
D	27	0.13
F	2	0.01
G	4	0.02
J	1	0.00
K	6	0.03
L	1	0.00
M	6	0.03
P	2	0.01
Q	12	0.06
IV(invalid value)	1	0.00
MI(missing value)	13096	65.07
NA(not applicable)	6927	34.42
	-----	-----
	= 20125	100.00

Valid cases = 7168

Missing cases = 12957

*Note: Skip this question if NOT select "1(purchased)" in LA12.

Variable Name: la13b
Label: amount of largest fund
Type: N
Position: 16
Survey/Derived: S
Question Num: LA13B
Question Text: How much money came from this source?

<u>Value</u>		<u>Description</u>
9-	20000	number
	.c	not applicable
	.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
9	20000	3091.34	4189.96

Valid cases = 96

Missing cases = 20029

*Note: Skip this question if NOT select "1(purchased)" in LA12.

Variable Name: la14
 Label: current value of plot
 Type: N
 Position: 17
 Survey/Derived: S
 Question Num: LA14
 Question Text: What is the current value of this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
150 -1.20e+08	number
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
150	1.20e+08	878629	4216585

Valid cases = 7110

Missing cases = 13015

Variable Name: la15
 Label: distance from house
 Type: N
 Position: 18
 Survey/Derived: S
 Question Num: LA15
 Question Text: How many kilometers is it from your house to this plot?
 (If the plot is right next to the house plot, record 0, otherwise record the actual distance. For distances less than one kilometer, record the distance in 10ths of a kilometer; i.e. .1, .3 etc. For plots in another Changwat, record the approximate distance in kilometers to the plot.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-80	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	80	1.1455	3.78809

Valid cases = 7108

Missing cases = 13017

Variable Name: la16
Label: water access in cold season
Type: N
Position: 19
Survey/Derived: S
Question Num: LA16
Question Text: In a normal rainfall year, does this plot have access to water in the cold season?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2148	10.67
3	2225	11.06
.x	1	0.00
.y	15751	78.27
	-----	-----
	= 20125	100.00

Valid cases = 4373

Missing cases = 15752

Variable Name: la17
Label: water access in hot season
Type: N
Position: 20
Survey/Derived: S
Question Num: LA17
Question Text: In a normal rainfall year, does this plot have access to water in the hot season?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2068	10.28
3	2319	11.52
.y	15738	78.20
	-----	-----
	= 20125	100.00

Valid cases = 4387

Missing cases = 15738

Variable Name: la18
Label: bags of fertilizer
Type: N
Position: 21
Survey/Derived: S
Question Num: LA18
Question Text: How many bags of chemical fertilizer did you use on this plot last year?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-400	number
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	400	8.988649	13.61104

Valid cases = 4183

Missing cases = 15942

Variable Name: la19
Label: type of fertilizer
Type: C
Position: 22
Survey/Derived: S
Question Num: LA19
Question Text: What are the three numbers on the bag of the kind of fertilizer you used most often on this plot last year?

Unique Values / Codes	
Unique values = 106	
Unique missing data codes = 4	
Valid cases = 3607	Missing cases: DK (don't know) = 20 IV (invalid value) = 9 MI (missing value) = 13643 NA (not applicable) = 2846

Variable Name: la19a
Label: plot in Tambon
Type: N
Position: 23
Survey/Derived: S
Question Num: LA19A
Question Text: Is this plot in the tambon?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	6302	31.31
3	180	0.89
.y	13643	67.79
	-----	-----
	= 20125	100.00

Valid cases = 6482

Missing cases = 13643

Section XIV: Housing and Landholding (3)

Data set name: j20tb2.dta
 Observations: 11,500
 Variable count: 19
 Size: 2,242,500 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 11500	Missing cases = 0

Variable Name: la23
 Label: plot line # ID
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: LA23
 Question Text: Plot line number

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-4	plot id
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	612	5.32
2	146	1.27
3	45	0.39
4	21	0.18
.y	10676	92.83
	-----	-----
	= 11500	100.00

Valid cases = 824

Missing cases = 0

Variable Name: la24
Label: land type
Type: N
Position: 3
Survey/Derived: S
Question Num: LA24
Question Text: What type of land is in this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	residential
3	land for livestock
5	land for paddy
7	land for field crops
9	land for tree crops
11	land for vegetable crops
13	land fro shrimp or fish rasing
15	other(specify)
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	66	0.57
3	7	0.06
5	385	3.35
7	157	1.37
9	45	0.39
11	7	0.06
13	19	0.17
15	134	1.17
.y	10680	92.87
	-----	-----
	= 11500	100.00

Valid cases = 820

Missing cases = 10680

Variable Name: la24o
Label: other of la24
Type: C
Position: 4
Survey/Derived: S
Question Num: LA24
Question Text: What type of land is in this plot?
 15- other (specify)

Unique Values / Codes	
Unique values = 53	
Unique missing data codes = 2	
Valid cases = 126	Missing cases: MI (missing value) = 10688 NA (not applicable) = 686

Variable Name: la25
Label: title to plot
Type: N
Position: 5
Survey/Derived: S
Question Num: LA25
Question Text: What type of land certificate covers this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	chanod
3	NS3
5	NS3K
7	SK1
9	Saw Paw Kae
11	Sor Tor Kor
13	Application for land use
15	economic forest reserve area
17	non-economic forest reserve area
19	other (specify)
.b	don't know
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	395	3.43
3	102	0.89
5	26	0.23
7	29	0.25
9	65	0.57
11	11	0.10
13	20	0.17
15	1	0.01
17	28	0.24
19	139	1.21
.b	4	0.03
.y	10680	92.87
	-----	-----
	= 11500	100.00

Valid cases = 816

Missing cases = 10684

Variable Name: la25o
Label: other of la25
Type: C
Position: 6
Survey/Derived: S
Question Num: LA25
Question Text: What type of land certificate covers this plot?
 21- other(specify)

Unique Values / Codes	
Unique values = 39 Unique missing data codes = 2	
Valid cases = 98	Missing cases: MI (missing value) = 10725 NA (not applicable) = 677

Variable Name: la26
Label: how many Rai in plot
Type: N
Position: 7
Survey/Derived: S
Question Num: LA26
Question Text: How many rai are in this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
.04-380	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
.04	380	12.4021	23.4627

Valid cases = 824

Missing cases = 10676

Variable Name: la27
Label: what year plot acquired
Type: N
Position: 8
Survey/Derived: S
Question Num: LA27
Question Text: When was this plot acquired?

Unique Values / Codes	
Unique values = 61 Unique missing data codes = 3	
Valid cases = 791	Missing cases: .b (don't know) = 13 .x (invalid value) = 1 .y (missing value) = 10695

Variable Name: la28
Label: how plot was acquired
Type: N
Position: 9
Survey/Derived: S
Question Num: LA28
Question Text: How was this plot acquired? (If LA28 is not 1, then skip to LA30)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	purchased
3	inherited
5	cleared
7	land reform program
9	rented land
11	from a relative
13	other (specify)
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	264	2.30
3	443	3.85
5	59	0.51
7	7	0.06
9	16	0.14
11	9	0.08
13	20	0.17
.y	10682	92.89
	-----	-----
	= 11500	100.00

Valid cases = 818

Missing cases = 10682

Variable Name: la28o
Label: other of la28
Type: C
Position: 10
Survey/Derived: S
Question Num: LA28
Question Text: How was this plot acquired? (If LA28 is not 1, then skip to LA30)
 13- other(specify)

Unique Values / Codes	
Unique values = 18 Unique missing data codes = 2	
Valid cases = 19	Missing cases: MI (missing value) = 10683 NA (not applicable) = 798

Variable Name: la29
Label: how plot was financed
Type: C
Position: 11
Survey/Derived: S
Question Num: LA29
Question Text: (if LA28 =1) what were the sources of financing for this land purchase? (record all that apply. If only one skip to LA 30.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	128	1.11
AC	3	0.03
AF	2	0.02
AM	1	0.01
B	23	0.20
C	9	0.08
CDG	1	0.01
D	43	0.37
DQ	1	0.01
F	8	0.07
FQM	1	0.01
G	4	0.03
H	3	0.03
J	1	0.01
K	5	0.04
L	2	0.02
M	4	0.03
MA	1	0.01
N	1	0.01
P	1	0.01
Q	14	0.12
MI(missing value)	10696	92.96
NA(not applicable)	554	4.82
	-----	-----
	= 11500	100.00

Valid cases = 250

Missing cases = 11250

*Note: Skip this question if NOT select "1(purchased)" in LA28.\

Variable Name: la29o1
Label: other of la29(la29=J)
Type: C
Position: 12
Survey/Derived: S
Question Num: LA29
Question Text: What were the sources of financing for this land purchase?
 J- with funds borrowed from other organization (specify) LA29O1

Unique Values / Codes	
Unique values = 0	
Unique missing data codes = 1	
Valid cases = 0	Missing cases: MI (missing value) = 11500

*Note: Skip this question if NOT select "1(purchased)" in LA28.

Variable Name: la29o2
Label: other of la29(la29=Q)
Type: C
Position: 13
Survey/Derived: S
Question Num: LA29
Question Text: what were the sources of financing for this land purchase?
 Q- other (specify) LA29O2

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases: MI (missing value) = 11500

*Note: Skip this question if NOT select "1(purchased)" in LA28.

Variable Name: la29a
Label: largest source of funds
Type: C
Position: 14
Survey/Derived: S
Question Num: LA29A
Question Text: What was the largest source of financing?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	with cash that had been saved up
B	with cash that was raised from selling land
C	with cash that was raised from selling livestock or other assets
D	with cash from selling product
E	on credit from store
F	with funds borrowed from Commercial Bank
G	with funds borrowed from BAAC
H	with funds borrowed from Agricultural Cooperative
I	with funds borrowed from PCG
J	with funds borrowed from other organization (specify)
K	with funds borrowed from relatives
L	with funds borrowed from non-relatives
M	with funds borrowed from moneylender
N	with cash from inheritance
O	gift
P	from employer
Q	other (specify)
MI	missing value
NA	not applicable

Frequency			
<u>Value</u>	<u>Count</u>		<u>Percent</u>
A	5		0.04
B	2		0.02
D	1		0.01
F	2		0.02
G	1		0.01
M	2		0.02
Q	3		0.03
MI(missing value)	10684		92.90
NA(not applicable)	800		6.96
	= 11500		100.00

Valid cases = 16

Missing cases = 11484

*Note: Skip this question if select only one source of funds in LA29, or NOT select "1(purchased)" in LA28.

Variable Name: la29b
Label: amount of largest fund
Type: N
Position: 15
Survey/Derived: S
Question Num: LA29B
Question Text: How much financing did you get from this source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1600-3000000	number
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1600	3000000	502300	961397.4

Valid cases = 12

Missing cases = 11488

*Note: Skip this question if select only one source of funds in LA29, or NOT select "1(purchased)" in LA28.

Variable Name: la30
Label: current value of plot
Type: N
Position: 16
Survey/Derived: S
Question Num: LA30
Question Text: What is the current value of this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-90000000	number
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	90000000	1083006	4282799

Valid cases = 800

Missing cases = 10700

Variable Name: la31
Label: distance from house
Type: N
Position: 17
Survey/Derived: S
Question Num: LA31
Question Text: How many kilometers is it from your house to this plot?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-95	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	95	5.44308	12.601

Valid cases = 777

Missing cases = 10723

Variable Name: la32
Label: land use
Type: N
Position: 18
Survey/Derived: S
Question Num: LA32
Question Text: How is the land currently being used?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	house plot
3	rented out for cash
5	rented out for portion of harvest
7	rented out for free to relatives
9	rented out free to non-relatives
11	this plot is mortgages to someone
13	plot is not being used
15	other(specify)
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	24	0.21
3	140	1.22
5	103	0.90
7	189	1.64
9	11	0.10
11	23	0.20
13	159	1.38
15	168	1.46
.x	1	0.01
.y	10682	92.89
	-----	-----
	= 11500	100.00

Valid cases = 817

Missing cases = 10683

Variable Name: la32o
Label: other of la32
Type: C
Position: 19
Survey/Derived: S
Question Num: LA32
Question Text: How is the land currently being used?
15- other (specify) LA32O

Unique Values / Codes	
Unique values = 89 Unique missing data codes = 2	
Valid cases = 159	Missing cases: MI (missing value) = 10691 NA (not applicable) = 650

Section XIV: Housing and Landholding (4)

Data set name: j20tb3.dta
 Observations: 14,375
 Variable count: 12
 Size: 3,105,000 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 14375	Missing cases = 0

Variable Name: la36
 Label: line # ID of land loss
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: LA36
 Question Text: Assign a number to each land loss during the past 15 years and record the number in LA36 in the table below.

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-5	loss #
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	590	4.10
2	157	1.09
3	47	0.33
4	23	0.16
5	11	0.08
.y	13547	94.24
	-----	-----
	= 14375	100.00

Valid cases = 828

Missing cases = 13547

Variable Name: la37
Label: how many Rai lost
Type: N
Position: 3
Survey/Derived: S
Question Num: LA37
Question Text: How many rai were lost/sold?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
.01-95	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
.01	95	11.2617	13.5951

Valid cases = 826

Missing cases = 13549

Variable Name: la38
Label: type of land lost
Type: N
Position: 4
Survey/Derived: S
Question Num: LA38
Question Text: What type of land was lost/sold?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	residential
3	land for livestock
5	land for paddy
7	land for field crops
9	land for tree crops
11	land for vegetable crops
13	land fro shrimp or fish rasing
15	other (specify)
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	102	0.71
3	1	0.01
5	447	3.11
7	194	1.35
9	47	0.33
11	3	0.02
13	5	0.03

15	28	0.19
.c	1	0.01
.y	13547	94.24
	-----	-----
	= 14375	100.00

Valid cases = 827

Missing cases = 13548

Variable Name: la38o
Label: other of la38
Type: C
Position: 5
Survey/Derived: S
Question Num: LA38
Question Text: What type of land was lost/sold?
 15- other (specify) LA38O

Unique Values / Codes	
Unique values = 16 Unique missing data codes = 2	
Valid cases = 28	Missing cases: MI (missing value) = 13548 NA (not applicable) = 799

Variable Name: la39
Label: what year land lost
Type: C
Position: 6
Survey/Derived: S
Question Num: LA39
Question Text: When did you lose/sell this land?

Unique Values / Codes	
Unique values = 33 Unique missing data codes = 2	
Valid cases = 818	Missing cases: IV (invalid value) = 3 MI (missing value) = 13554

Variable Name: la40
Label: how land was lost
Type: N
Position: 7
Survey/Derived: S
Question Num: LA40
Question Text: How was the land disposed of? (if not 1 or 3 or 15, skip to LA42)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	sold
3	pawned/mortgaged
5	lost because of default to moneylender
7	lost because of default to commercial bank
9	lost because of default to BAAC
11	lost because of default to Agricultural Coop
13	given to children
15	other(specify)
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	431	3.00
3	14	0.10
5	9	0.06
7	1	0.01
9	1	0.01
13	255	1.77
15	116	0.81
.y	13548	94.25
	-----	-----
	= 14375	100.00

Valid cases = 827

Missing cases = 13548

Variable Name: la40o
Label: other of la40
Type: C
Position: 8
Survey/Derived: S
Question Num: LA40
Question Text: How was the land disposed of? (if not 1 or 3 or 15, skip to LA42)
 15- other (specify)

Unique Values / Codes	
Unique values = 55	
Unique missing data codes = 2	
Valid cases = 105	Missing cases: MI (missing value) = 13559 NA (not applicable) = 711

Variable Name: la41
Label: proceeds used for
Type: C
Position: 9
Survey/Derived: S
Question Num: LA41
Question Text: (If sold or mortgaged) What did you use this money for? (List all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	pay off debts
B	invest in business
C	buy new land
D	other (specify)
DK	don't know
IV	invalid value
MI	missing value
NA	not applicable

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	145	1.01
AB	2	0.01
ABD	1	0.01
AC	2	0.01
ACD	1	0.01
AD	12	0.08
B	25	0.17
BA	1	0.01
BC	1	0.01
C	72	0.50
CA	1	0.01
CD	7	0.05
CDA	2	0.01
D	235	1.63
DA	3	0.02
DB	1	0.01
DC	1	0.01
DK(don't know)	4	0.03
IV(invalid value)	1	0.01
MI(missing value)	13590	94.54
NA(not applicable)	268	1.86
	-----	-----
	= 14375	100.00

Valid cases = 512

Missing cases = 13863

Variable Name: la41o
 Label: other of la41
 Type: C
 Position: 10
 Survey/Derived: S
 Question Num: LA41
 Question Text: (If sold or mortgaged) What did you use this money for? (List all that apply)
 D- other (specify) LA41O

Unique Values / Codes	
Unique values = 187 Unique missing data codes = 2	
Valid cases = 245	Missing cases: MI (missing value) = 13881 NA (not applicable) = 249

Variable Name: la42
 Label: value of land
 Type: N
 Position: 11
 Survey/Derived: S
 Question Num: LA42
 Question Text: How much money did you receive for the land (if sold or mortgaged)? How much was this land worth at the time you lost it (if other reason for loss)?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-1.800e+08	number
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1.800e+08	698815.5	6544917

Valid cases = 807

Missing cases = 13568

Variable Name: la43
Label: reason for land loss
Type: C
Position: 12
Survey/Derived: S
Question Num: LA43
Question Text: What was the reason for the land loss? (write in answer)

Unique Values / Codes	
Unique values = 498 Unique missing data codes = 1	
Valid cases = 801	Missing cases: MI (missing value) = 13574

Section XV: Expenditure (1)

Data set name: j23.dta
 Observations: 2,875
 Variable count: 6
 Size: 103,500 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 2875	Missing cases = 0

Variable Name: ex5
 Label: house repair
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: EX5
 Question Text: In the past 12 months, how much has the household spent on house repairs?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 890000	number

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	890000	9168.73	45059.7

Valid cases = 2875

Missing cases = 0

Variable Name: ex6
Label: vehicle repair
Type: N
Position: 3
Survey/Derived: S
Question Num: EX6
Question Text: In the past 12 months, how much has the household spent on vehicle (car and motorcycle) repairs?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-200000	number
.b	don't know
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	200000	2504.376	8730.32

Valid cases = 2867

Missing cases = 8

Variable Name: ex7
Label: education expense
Type: N
Position: 4
Survey/Derived: S
Question Num: EX7
Question Text: In the past 12 months, how much has the household spent on education expenses?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-500000	number
.b	don't know
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	500000	6730.33	17695.6

Valid cases = 2871

Missing cases = 4

Variable Name: ex8
Label: clothing expense
Type: N
Position: 5
Survey/Derived: S
Question Num: EX8
Question Text: In the past 12 months, how much has the household spent on clothing for all of the household members?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-70000	number
.b	don't know
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	70000	2439.17	4088.56

Valid cases = 2865

Missing cases = 10

Variable Name: ex9
Label: eating outside home
Type: N
Position: 6
Survey/Derived: S
Question Num: EX9
Question Text: In the past 12 months, how much has the household spent on food eaten away from home by all household members?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-143600	number
.b	don't know
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	143600	2977.14	7622.80

Valid cases = 2869

Missing cases = 6

Section XV: Expenditure (2)

Data set name: j23tb1.dta
 Observations: 28,750
 Variable count: 7
 Size: 2,012,500 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 28750	Missing cases = 0

Variable Name: ex1id
 Label: expenditure line # ID
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	rice you grew yourself (including sticky rice) (milled rice not paddy)
2	rice you bought (including sticky rice) (milled rice not paddy)
3	other grains
4	milk and milk products (powdered milk, condensed milk, fresh milk, yogurt, cheese)
5	meat (chicken, beef, pork)
6	alcoholic beverages consumed at home
7	alcoholic beverages consumed away from home
8	tobacco
9	gasoline-(excluding gasoline from business or farm use)
10	ceremonies (wedding, monk's ceremony)
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2874	10.00
2	2874	10.00
3	2873	9.99
4	2874	10.00
5	2875	10.00
6	2874	10.00
7	2874	10.00
8	2874	10.00
9	2874	10.00
10	2874	10.00
.x	1	0.00
.y	9	0.03
-----		-----
= 28750		100.00

Valid cases = 28740

Missing cases = 10

Variable Name: ex1
Label: amount of items consumed
Type: N
Position: 3
Survey/Derived: S
Question Num: EX1
Question Text: During a typical month last year, how much does your household consume/eat/buy of the following items ____ (ask for each item below. Be sure to include home produced items - rice that the household grew themselves, for example!).

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-6400	number
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	6400	11.085	60.616

Valid cases = 25575

Missing cases = 3175

Variable Name: ex2
Label: item unit
Type: N
Position: 4
Survey/Derived: S
Question Num: EX2
Question Text: (Interviewer record code for unit)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	kilograms
3	bags
5	packs
7	bottles
9	other (specify) EX2O
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	5002	17.40
3	841	2.93
5	900	3.13
7	2123	7.38
9	3164	11.01
.x	84	0.29
.y	16636	57.86
	-----	-----
	= 28750	100.00

Valid cases = 28741

Missing cases = 9

Variable Name: ex2o
Label: other of ex2
Type: C
Position: 5
Survey/Derived: S
Question Num: EX2
Question Text: (Interviewer record code for unit)
 9- other(specify) EX2O

Unique Values / Codes	
Unique values = 158	
Unique missing data codes = 2	
Valid cases = 3044	Missing cases: MI (missing value) = 16840 NA (not applicable) = 8866

Variable Name: ex3
 Label: price per unit
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: EX3
 Question Text: What is the price per unit of this item?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-10150	number
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	10150	95.41	253.70

Valid cases = 11447

Missing cases = 17301

Variable Name: ex4
 Label: value of expenditure per month
 Type: N
 Position: 7
 Survey/Derived: S
 Question Num: EX4
 Question Text: What is the total value of expenditures/consumption of this item in a typical month of the last year?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-100000	number
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	100000	581.77	1535.17

Valid cases = 14892

Missing cases = 13858

Section XVI: Income (1)

Data set name: j24.dta
 Observations: 2,875
 Variable count: 12
 Size: 307,625 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 2875	Missing cases = 0

Variable Name: in1
 Label: gross revenue
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: IN1
 Question Text: (Gross revenue)What was your household's total gross income over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-2.414e+08	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	2.414e+08	246974	4.5e+06

Valid cases = 2874

Missing cases = 1

Variable Name: in4tot
Label: total revenue (not in quex.)
Type: N
Position: 3
Survey/Derived: S
Question Num: IN4
Question Text: (If answer yes in IN2)How much did the people in your household receive over the past 12 months?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0- 2.414e+08	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	2.414e+08	247105	4.5e+06

Valid cases = 2868

Missing cases = 7

Variable Name: in3combo
Label: revenue sources
Type: C
Position: 4
Survey/Derived: S
Question Num: IN3
Question Text: Revenues source categories

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	rice farming
B	corn farming
C	vegetable farming
D	orchard farming
E	other crop
F	raising shrimp
G	raising fish
H	raising chicken or ducks
I	raising pigs, cows or buffalo
J	raising other livestock
K	wages
L	salaries
M	rice mill
N	store
O	mechanic / repair shop
P	hair salon / barber
Q	restaurant / noodle shop
R	trading
S	other business (specify)
T	payments for renting land
U	payments for other rentals
V	from selling land
W	government assistance
X	interest on savings

Y	income from loan repayments
Z	scholarships or grants
AA	income from roomers or boarders
BB	proceeds from ROSCA
CC	remittances from relatives
DD	remittances from friends
EE	government lottery
FF	dividends
GG	retirement compensation
HH	gifts
II	other income (specify)
MI	missing value

Unique Values / Codes	
Unique values = 436	
Unique missing data codes = 1679	
Valid cases = 23	Missing cases: MI (missing value) = 1196

Variable Name: in6
Label: business/farm expenses
Type: N
Position: 5
Survey/Derived: S
Question Num: IN6
Question Text: (Business/Farm Expenses) Over the past 12 months, what were the total business or farm expenses for the household? (IN10F + IN10S + IN10B)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-1.245e+08	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1.245e+08	98236.13	2336051

Valid cases = 2871

Missing cases = 4

Variable Name: in11
Label: net income: IN1-IN6
Type: N
Position: 6
Survey/Derived: S
Question Num: IN11
Question Text: Net income: IN1-IN6

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-1.170e+08	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1.170e+08	149735.7	2198727

Valid cases = 2872

Missing cases = 3

Variable Name: in12
Label: accuracy of estimate
Type: N
Position: 7
Survey/Derived: S
Question Num: IN12
Question Text: Is "IN11" an accurate estimate of your household's total net profits over the past 12 months?
 (1 - yes, 3 - no; if yes, skip to IN14)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2823	98.19
3	28	0.97
.y	24	0.83
	-----	-----
	= 2875	100.00

Valid cases = 2851

Missing cases = 24

Variable Name: in13
Label: revised estimate of net income
Type: N
Position: 8
Survey/Derived: S
Question Num: IN13
Question Text: If IN12 is no, report the revised estimate of net income here.

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-305600	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	305600	20617.5	56615.9

Valid cases = 41

Missing cases = 2834

Variable Name: in14
Label: profit estimate next year
Type: N
Position: 9
Survey/Derived: S
Question Num: IN14
Question Text: What is your best guess about what the household's net profit will be next year?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-8000000	number
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	8000000	105769.5	300588.7

Valid cases = 2711

Missing cases = 164

Variable Name: in15
Label: good year profit estimate
Type: N
Position: 10
Survey/Derived: S
Question Num: IN15
Question Text: If next year is very good year for your household, what is your best guess of what the household's net profit will be next year?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-8000000	number
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	8000000	133161.2	374089.1

Valid cases = 2841

Missing cases = 34

Variable Name: in16
Label: bad year profit estimate
Type: N
Position: 11
Survey/Derived: S
Question Num: IN6
Question Text: If next year is a very bad year for your household, what is your best guess of what the household's net profit will be next year?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-5800000	number
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	67396.82	189084.5	187923.5

Valid cases = 2820

Missing cases = 55

Variable Name: edinc
Label: edinc(not in quex.)
Type: N
Position: 12
Survey/Derived: D
Question Num:
Question Text:

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
-9400 -1.170e+08	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
-9400	1.17e+08	150246.4	2200287

Valid cases = 2868

Missing cases = 7

*Note: There are 4 cases have negative values for this variable.

Section XVI: Income (2)

Data set name: j24tb1.dta
 Observations: 115,000
 Variable count: 5
 Size: 7,245,000 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 115000	Missing cases = 0

Variable Name: initem
 Label: revenue source description
 Type: C
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text: Row description of revenue sources [different form on quex]

Unique Values / Codes	
Unique values = 454 Unique missing data codes = 1	
Valid cases = 100807	Missing cases: MI (missing value) = 14193

Variable Name: in2
 Label: received this payment or not
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: IN2
 Question Text: Has anyone in your household received any of the following payments (ask about each payment in the table below) during the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	8897	7.74
3	86607	75.31
.y	19496	16.95
	-----	-----
	= 115000	100.00

Valid cases = 95504

Missing cases = 19496

Variable Name: in3
Label: revenue source
Type: C
Position: 4
Survey/Derived: S
Question Num: IN3
Question Text: Revenue sources categories

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	rice farming
B	corn farming
C	vegetable farming
D	orchard farming
E	other crop
F	raising shrimp
G	raising fish
H	raising chicken or ducks
I	raising pigs, cows or buffalo
J	raising other livestock
K	wages
L	salaries
M	rice mill
N	store
O	mechanic / repair shop
P	hair salon / barber
Q	restaurant / noodle shop
R	trading
S	other business (specify)
T	payments for renting land
U	payments for other rentals
V	from selling land
W	government assistance
X	interest on savings
Y	income from loan repayments
Z	scholarships or grants
AA	income from roomers or boarders
BB	proceeds from ROSCA
CC	remittances from relatives
DD	remittances from friends
EE	government lottery
FF	dividends
GG	retirement compensation
HH	gifts
II	other income (specify)
MI	missing value

Unique Values / Codes	
Unique values = 75 Unique missing data codes = 1	
Valid cases = 8806	Missing cases: MI (missing value) = 106194

Variable Name: in4
Label: amount of revenue from this item
Type: N
Position: 5
Survey/Derived: S
Question Num: IN4
Question Text: If IN3 is 1(yes), how much did they receive over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-2.40e+08	number
.a	refuse to answer
.b	don't now
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	2.400e+08	79816.78	2567611

Valid cases = 8807

Missing cases = 106193

Section XVI: Income (3)

Data set name: j24tb2.dta
 Observations: 138,000
 Variable count: 5
 Size: 9,384,000 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 138000	Missing cases = 0

Variable Name: in7id
 Label: farm/shrimp/business expense
 Type: C
 Position: 2
 Survey/Derived: S
 Question Num: IN7
 Question Text:

Unique Values / Codes	
Unique values = 396 Unique missing data codes = 1	
Valid cases = 103882	Missing cases: MI (missing value) = 34118

Variable Name: in7
 Label: have this expense or not
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: IN7
 Question Text: Has anyone in your household had the following farm/shrimp/business expense (ask about each expense in the table below, and probe for others) during the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	Yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	10812	7.83
3	75970	55.05
.y	51218	37.11
	= 138000	100.00

Valid cases = 86782

Missing cases = 51218

Variable Name: in8
Label: expense categories
Type: C
Position: 4
Survey/Derived: S
Question Num: IN8
Question Text: Expense categories

Unique Values / Codes	
Unique values = 120	
Unique missing data codes = 1	
Valid cases = 10598	Missing cases: MI (missing value) = 127402

Variable Name: in9
Label: amount of expense
Type: N
Position: 5
Survey/Derived: S
Question Num: IN9
Question Text: If IN7 is yes, how much did they spend over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-1.245e+08	number
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	1.245e+08	29230.83	1247571

Valid cases = 19406

Missing cases = 118594

Section XVII: Borrowing (1)

Data set name: j27.dta
 Observations: 2,875
 Variable count: 5
 Size: 57,500 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 2875	Missing cases = 0

Variable Name: bl1a
 Label: own loan or not
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BL1A
 Question Text: Do you or members of your household owe money or good to anyone? For example, to a commercial bank, the BAAC, a PCG, a Rice Bank, the Agricultural Cooperative, a government agency, a moneylender, a friend, a relative or any other individual or institution? Have you pawned/mortgaged land to anyone, sold your crops in advance, gotten goods on credit from a store owner or a supplier of inputs? (Include loans of capital or goods for the business or farms belonging to the household. 1- yes, 3-no. If no skip to BL2A.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1789	62.23
3	1075	37.39
.y	11	0.38
	-----	-----
	= 2875	100.00

Valid cases = 2864

Missing cases = 11

Variable Name: bl1b
 Label: number of loans owed
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: BL1B
 Question Text: How many loans (count the number of loans owned, not the number of institutions!) are owed?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-6	number
.c	not applicable

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	6	1.498335	.9164106

Valid cases = 1802

Missing cases = 1073

*Note: Skip this question if BL1A=3(no).

Variable Name: bl2a
 Label: loans completely repaid
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: BL2A
 Question Text: In the past 12 months, has any member of your household completely repaid a loan of money or goods?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.x	invalid value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	761	26.47
3	2112	73.46
.x	2	0.07
	-----	-----
	= 2875	100.00

Valid cases = 2873

Missing cases = 2

Variable Name: **bl2b**
Label: # of loans completely repaid
Type: N
Position: 5
Survey/Derived: S
Question Num: BL2B
Question Text: How many loans have been completely repaid during the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-6	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	6	1.204456	.6084541

Valid cases = 763

Missing cases = 2112

*Note: Skip this question if BL1A=3(no) & BL2A=3(no).

Section XVII: Borrowing (2)

Data set name: j27tb1.dta
 Observations: 17,250
 Variable count: 16
 Size: 3,001,500 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 17250	Missing cases = 0

Variable Name: bl3a
 Label: line # ID of loan
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: BL3A
 Question Text: Loan number

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-6	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
1	6	1.715434	.9909164

Valid cases = 3609

Missing cases = 13641

Variable Name: bl3b
Label: lender
Type: N
Position: 3
Survey/Derived: S
Question Num: BL3B
Question Text: Who did you borrow from?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	neighbor
3	relative
5	BAAC
7	PCG
9	Commercial Bank
11	Agricultural Cooperative
13	Village Fund
15	Rice bank
17	moneylender
19	store owner
21	supplier of inputs
23	landlord
25	purchaser of output
27	other(specify) BL3HO2
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	283	1.64
3	567	3.29
5	1237	7.17
7	47	0.27
9	125	0.72
11	363	2.10
13	34	0.20
15	14	0.08
17	357	2.07
19	145	0.84
21	8	0.05
23	5	0.03
25	41	0.24
27	353	2.05
.c	1	0.01
.x	5	0.03
.y	13665	79.22
	-----	-----
	= 17250	100.00

Valid cases = 3579

Missing cases = 13671

Variable Name: b13bo
 Label: other of 113b
 Type: C
 Position: 4
 Survey/Derived: S
 Question Num: BL3B
 Question Text: Who did you borrow from?
 27- other(specify) BL3BO

Unique Values / Codes	
Unique values = 200 Unique missing data codes = 2	
Valid cases = 341	Missing cases: MI (missing value) = 13683 NA (not applicable) = 3226

Variable Name: b13c
 Label: month/year money borrowed
 Type: C
 Position: 5
 Survey/Derived: S
 Question Num: BL3C
 Question Text: In what month and year did you borrow the money?

Unique Values / Codes	
Unique values = 196 Unique missing data codes = 2	
Valid cases = 3608	Missing cases: DK(don't know) = 2 MI (missing value) = 13640

*Note: 96, 97, 98, 99 might be missing data in this case. Since during original data entry, the following values had been used as missing data codes: 96 = "refuse to answer"; 97 = "not applicable"; 98 = "don't know the answer"; 99 = "missing value".

Variable Name: bl3d
Label: fully repaid loan or not
Type: N
Position: 6
Survey/Derived: S
Question Num: BL3D
Question Text: Has this loan been fully repaid?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	956	5.54
3	2625	15.22
.y	13669	79.24
	-----	-----
	= 17250	100.00

Valid cases = 3581

Missing cases = 13669

Variable Name: bl3e
Label: amount borrowed
Type: N
Position: 7
Survey/Derived: S
Question Num: BL3E
Question Text: How much money or goods (if goods, record value) was borrowed?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-12000000	number
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	12000000	50309.87	242356.9

Valid cases = 3583

Missing cases = 13667

Variable Name: **bl3f**
Label: total amount owed
Type: N
Position: 8
Survey/Derived: S
Question Num: BL3F
Question Text: (If the loan has been fully repaid) How much money or goods (if goods, record value) did you have to pay back?
 (if the loan has not been fully repaid) How much money or goods will you have to pay back in total (including payments that have already been made)?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-22800000	number
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	22800000	66488.8	424137.6

Valid cases = 3533

Missing cases = 13717

Variable Name: **bl3g**
Label: loan for how many months
Type: N
Position: 9
Survey/Derived: S
Question Num: BL3G
Question Text: How long is the loan for? (record the answer in months—i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
0-360	number
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	360	21.8392	29.3193

Valid cases = 3159

Missing cases = 14091

Variable Name: **bl3h**
Label: why borrowed money
Type: C
Position: 10
Survey/Derived: S
Question Num: BL3H
Question Text: Why was this money borrowed? (record all that apply)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	walking tractor
B	fertilizer, pesticide, herbicide, seed
C	livestock
D	other farm equipment
E	business investment (specify)
F	buy land
G	build / buy house
H	to relend to others
I	for ceremony
J	consumption
K	to buy motorcycle
L	to buy pickup truck or car
M	to buy television, VCR, air conditioner, stove or other household asset
N	educational expenses
O	other (specify)
DK	don't know
IV	invalid value
MI	missing value
NA	not applicable

Unique values = 161
 Unique missing data codes = 4

Valid cases = 3568

Missing cases:
 DK (don't know) = 4
 IV (invalid value) = 1
 MI (missing value) = 13676
 NA (not applicable) = 1

Variable Name: bl3ho
Label: other of bl3h
Type: C
Position: 11
Survey/Derived: S
Question Num: BL3H
Question Text: Why was this money borrowed? (record all that apply)
 -- other (specify)

Unique values = 597 Unique missing data codes = 1	
Valid cases = 980	Missing cases: MI (missing value) = 16270

Variable Name: bl3i
Label: what collateral for loan
Type: N
Position: 12
Survey/Derived: S
Question Num: BL3I
Question Text: What did the household offer as collateral for this loan? (if code is not 3-11, hen skip to BL3K)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	no collateral required.
3	land title – borrower uses land
5	land title – lender uses land
7	used savings to guarantee loan
9	used future crop to guarantee loan
11	other collateral
13	single guarantor
15	multiple guarantors
17	other (specify)
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1467	8.50
3	775	4.49
5	47	0.27
7	5	0.03
9	12	0.07
11	139	0.81
13	96	0.56
15	962	5.58
17	66	0.38

.c	9	0.05
.x	5	0.03
.y	13667	79.23
	-----	-----
	= 17250	100.00

Valid cases = 3569

Missing cases = 13681

Variable Name: b13io
Label: other of bl3i
Type: C
Position: 13
Survey/Derived: S
Question Num: BL3I
Question Text: What did the household offer as collateral for this loan?
 17- other(specify) BL3IO

Unique Values / Codes	
Unique values = 47 Unique missing data codes = 2	
Valid cases = 62	Missing cases: MI (missing value) = 13685 NA (not applicable) = 3503

Variable Name: b13j
Label: value of collateral
Type: N
Position: 14
Survey/Derived: S
Question Num: BL3J
Question Text: (If the household used collateral) What was the value of the collateral at the time you got this loan?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0 – 30000000	number
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	30000000	591886.3	2299616

Valid cases = 1037

Missing cases = 16213

Variable Name: **bl3k**
Label: consequences of default
Type: N
Position: 15
Survey/Derived: S
Question Num: BL3K
Question Text: If you could not repay this lender or if this lender had to take your collateral or if your cosigners had to repay the loan for you, what would be the consequences for you (the borrower)?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	none
3	not able to borrow again from this lender
5	not able to borrow again from this lender and others
7	other (specify) BL3KO
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	489	2.83
3	1695	9.83
5	286	1.66
7	1044	6.05
.b	12	0.07
.c	20	0.12
.x	37	0.21
.y	13667	79.23
	-----	-----
	= 17250	100.00

Valid cases = 3514

Missing cases = 13736

Variable Name: bl3ko
Label: other of bl3k
Type: C
Position: 16
Survey/Derived: S
Question Num: BL3K
Question Text: If you could not repay this lender or if this lender had to take your collateral or if your cosigners had to repay the loan for you, what would be the consequences for you (the borrower)?
 7- other(specify) BL3KO

Unique Values / Codes	
Unique values = 509 Unique missing data codes = 2	
Valid cases = 1019	Missing cases: MI (missing value) = 13759 NA (not applicable) = 2472

Section XVIII: Lending (1)

Data set name: j28.dta
 Observations: 2,875
 Variable count: 6
 Size: 60,375 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 2875	Missing cases = 0

Variable Name: le1a
 Label: anyone owe you or not
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: LE1A
 Question Text: Does anyone currently owe money or goods to you or members of your household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	337	11.72
3	2536	88.21
.y	2	0.07
	-----	-----
	= 2875	100.00

Valid cases = 2873

Missing cases = 2

Variable Name: le1b
 Label: number of loans owed
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: LE1B
 Question Text: How many loans are owed to members of this household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-11	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	11	1.91988	1.58943

Valid cases = 337

Missing cases = 2538

Variable Name: le2a
 Label: anyone fully repaid loan
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: LE2A
 Question Text: In the past 12 months has any one fully repaid a loan to you or members of your household?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	108	3.76
3	2763	96.10
.y	4	0.14
	-----	-----
	= 2875	100.00

Valid cases = 2871

Missing cases = 4

Variable Name: le2b
 Label: number of loans been repaid
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: LE2B
 Question Text: How many loans have been fully repaid during the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-12	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	12	1.54955	1.418954

Valid cases = 111

Missing cases = 2764

Variable Name: le5
 Label: ever turn anyone down for loan
 Type: N
 Position: 6
 Survey/Derived: S
 Question Num: LE5
 Question Text: Have you (or anyone else in your household) turned anyone down who has asked for a loan in the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes, someone asked for a loan and they were turned down
3	no, someone asked for a loan and they were not turned down
5	no, no one asked for a loan from me or anyone else in my household in the past 12 months
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	595	20.70
3	235	8.17
5	2026	70.47
.y	19	0.66
	-----	-----
	= 2875	100.00

Valid cases = 2856

Missing cases = 19

Section XVIII: Lending (2)

Data set name: j28tb1.dta
 Observations: 20,125
 Variable count: 16
 Size: 4,105,500 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 20125	Missing cases = 0

Variable Name: le3a
 Label: line # ID of loan
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: LE3A
 Question Text: Loan number (record the loan number (from 1 to LE1B + LE2B) in column one, record all of the loan numbers and who the lender is first)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1-7	loan #
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	391	1.94
2	201	1.00
3	96	0.48
4	49	0.24
5	33	0.16
6	14	0.07
7	10	0.05
.y	19331	96.05
	-----	-----
	= 20125	100.00

Valid cases = 794

Missing cases = 19331

Variable Name: le3b
 Label: borrower
 Type: N
 Position: 3
 Survey/Derived: S
 Question Num: LE3B
 Question Text: Who did you loan money to?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	non-relative in the village
3	non-relative out of the village
5	relative in the village
7	relative out of the village
9	business partner
11	other(specify)
.a	refuse to answer
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	307	1.53
3	100	0.50
5	239	1.19
7	120	0.60
9	2	0.01
11	16	0.08
.a	1	0.00
.c	1	0.00
.y	19339	96.09
	-----	-----
	= 20125	100.00

Valid cases = 784

Missing cases = 19341

Variable Name: le3bo
 Label: other of le3b
 Type: C
 Position: 4
 Survey/Derived: S
 Question Num: LE3B
 Question Text: Who did you loan money to?
 11-other(specify)

Unique Values / Codes	
Unique values = 7	
Unique missing data codes = 2	
Valid cases = 16	Missing cases: MI (missing value) = 19341 NA (not applicable) = 768

Variable Name: le3c
Label: month/year loan made
Type: C
Position: 5
Survey/Derived: S
Question Num: LE3C
Question Text: In what month and year did you loan the money?

Unique Values / Codes	
Unique values = 87 Unique missing data codes = 2	
Valid cases = 793	Missing cases: MI (missing value) = 19331 RF (refuse to answer) = 1

*Note: 97, 98, 99 might be missing data for this variable. Since during the original data entry, 97= "not applicable" 98= "don't know", 99= "missing value".

Variable Name: le3d
Label: been fully repaid or not
Type: N
Position: 6
Survey/Derived: S
Question Num: LE3D
Question Text: Has this loan been fully repaid?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.a	refuse to answer
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	159	0.79
3	629	3.13
.a	6	0.03
.y	19331	96.05
	-----	-----
	= 20125	100.00

Valid cases = 788

Missing cases = 19337

Variable Name: le3e
Label: amount loan out
Type: N
Position: 7
Survey/Derived: S
Question Num: LE3E
Question Text: How much money or goods (if goods, record value) was loaned?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
100-3000000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
100	3000000	27430.3	137849.2

Valid cases = 786

Missing cases = 19339

Variable Name: le3f
Label: total repayment from borrower
Type: N
Position: 8
Survey/Derived: S
Question Num: LE3F
Question Text: (if the loan has been fully repaid) How much money or goods (if goods, record value) were repaid?
 (if the loan has not been fully repaid) How much money or goods will have to be repaid in total, including payments that have already been made?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0- 3720000	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	3720000	33955.7	168272.8

Valid cases = 773

Missing cases = 19352

Variable Name: le3g
 Label: loan for how many months
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: LE3G
 Question Text: How long is the loan for? (answer recorded in months—i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-123	number
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	123	81.3945	37.4422

Valid cases = 2388

Missing cases = 17737

Variable Name: le3h
 Label: why borrower need loan
 Type: C
 Position: 10
 Survey/Derived: S
 Question Num: LE3H
 Question Text: Why was this money borrowed? (record all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	walking tractor
B	fertilizer, pesticide, herbicide, seed
C	livestock
D	other farm equipment
E	business investment (specify)
F	buy land
G	build / buy house
H	to relend to others
I	for ceremony
J	consumption
K	to buy motorcycle
L	to buy pickup truck or car
M	to buy television, VCR, air conditioner, stove or other household asset
N	educational expenses
O	other (specify)
DK	don't know
MI	missing value
NA	not applicable
RF	refuse to answer

Unique values = 24
Unique missing data codes = 4

Valid cases = 725
Missing cases:
DK (don't know) = 61
MI (missing value) = 19336
NA (not applicable) = 2
RF (refuse to answer) = 1

Variable Name: le3ho
Label: other of le3h
Type: C
Position: 11
Survey/Derived: S
Question Num: LE3H
Question Text: Why was this money borrowed? (record all that apply)
--other (specify)

Unique Values / Codes

Unique values = 135
Unique missing data codes = 2

Valid cases = 217
Missing cases:
DK (don't know) = 3
MI (missing value) = 19905

Variable Name: le3i
Label: borrower's collateral
Type: N
Position: 12
Survey/Derived: S
Question Num: LE3I
Question Text: What was offered as collateral for this loan? (If code is not 3-11, then skip to LE3K)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	no collateral required
3	land title – borrower uses land
5	land title – lender uses land
9	used future crop to guarantee loan
11	other collateral
13	single guarantor
15	multiple guarantors
17	other (specify)
.a	refuse to answer
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	648	3.22
3	52	0.26
5	30	0.15
9	1	0.00
11	7	0.03
13	9	0.04
15	3	0.01
17	38	0.19
.a	1	0.00
.c	2	0.01
.y	19334	96.07
	= 20125	100.00

Valid cases = 788

Missing cases = 19337

Variable Name: le3io
Label: other of le3i
Type: C
Position: 13
Survey/Derived: S
Question Num: LE3I
Question Text: What was offered as collateral for this loan?
 17- other(specify)

Unique Values / Codes	
Unique values = 14	
Unique missing data codes = 2	
Valid cases = 35	Missing cases: MI (missing value) = 19340 NA (not applicable) = 750

Variable Name: le3j
Label: value of collateral
Type: C
Position: 14
Survey/Derived: S
Question Num: LE3J
Question Text: (If the borrower used collateral) What was the value of the collateral at the time of the loan?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-9	?
MI	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
0	522	2.59
1	30	0.15
2	12	0.06
3	15	0.07
4	5	0.02
5	11	0.05
6	5	0.02
7	2	0.01
8	5	0.02
9	158	0.79
MI	19360	96.20
	-----	-----
	= 20125	100.00

Valid cases = 765

Missing cases = 19360

*Note: Values for this variable don't seem right according to the survey question text.

Variable Name: le3k
Label: consequences of default
Type: N
Position: 15
Survey/Derived: S
Question Num: LE3K
Question Text: If the borrower did not repay the loan or if you had to take the borrower's collateral or make one of the cosigners had to repay the loan, what would be the consequences for the borrower?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	none
3	not able to borrow again from this lender
5	not able to borrow again from this lender and others
7	other (specify)
.a	refuse to answer
.c	not applicable
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	303	1.51
3	377	1.87
5	23	0.11
7	85	0.42
.a	1	0.00
.c	1	0.00
.y	19335	96.07
	-----	-----
	= 20125	100.00

Valid cases = 788

Missing cases = 19337

Variable Name: le3ko
Label: other of le3k
Type: C
Position: 16
Survey/Derived: S
Question Num: LE3K
Question Text: If the borrower did not repay the loan or if you had to take the borrower's collateral or make one of the cosigners had to repay the loan, what would be the consequences for the borrower?
 7- other(specify)

Unique Values / Codes	
Unique values = 44	
Unique missing data codes = 2	
Valid cases = 84	Missing cases: MI (missing value) = 19338 NA (not applicable) = 703

Section XIX: Saving (1)

Data set name: j29.dta

Observations: 2,875

Variable count: 3

Size: 186,875 bytes

Variable Name: newid

Label: caseid

Type: C

Position: 1

Survey/Derived: D

Question Num:

Question Text:

Unique Values / Codes

Unique values = 2875

Valid cases = 2875

Missing cases = 0

Variable Name: sa8

Label: most important reason for saving

Type: C

Position: 2

Survey/Derived: S

Question Num: SA8

Question Text: What is the most important reason that you save? (record only one answer)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
A	provide for old age
B	to leave as a bequest for children
C	to buy farm equipment
D	to buy motorcycle, car or pickup truck
E	to buy TV, VCR, air conditioner or other household asset
F	to pay for children's educational expenses
G	to rebuild house, or to buy new house
H	invest in existing business
I	invest in new business
J	use in case of emergency
K	other (specify) SA8O
DK	don't know
MI	missing value
NA	not applicable

	Frequency	
<u>Value</u>	<u>Count</u>	<u>Percent</u>
A	321	11.17
B	353	12.28
C	43	1.50
D	7	0.24
E	1	0.03
F	221	7.69
G	55	1.91
H	66	2.30
I	42	1.46
J	1437	49.98
K	222	7.72
DK (don't know)	1	0.03
MI (missing value)	24	0.83
NA (not applicable)	82	2.85
	-----	-----
	= 2875	100.00

Variable Name: sa8o
 Label: other of sa8
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num: SA8
 Question Text: What is the most important reason that you save?
 K- other (specify)

Unique Values / Codes	
Unique values = 155	
Unique missing data codes = 2	
Valid cases = 202	Missing cases: DK (don't know) = 1 MI (missing value) = 120 NA (not applicable) = 2552

Section XIX: Saving (2)

Data set name: j29tb1.dta

Observations: 28750

Variable count: 10

Size: 2,328,750 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 28750	Missing cases = 0

Variable Name: said
 Label: saving type description
 Type: C
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text: Row description of savings [different form on quex]

Unique Values / Codes	
Unique values = 126	
Unique missing data codes = 1	
Valid cases = 23336	Missing cases: MI (missing value) = 5414

Variable Name: sa1
Label: have this saving or not
Type: N
Position: 3
Survey/Derived: S
Question Num: SA1
Question Text: Do you or members of your household have any of the following kinds of savings? (1 - yes, 3 - no. Ask about list below, also probe for other types of savings)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	6964	24.22
3	16380	56.97
.y	5406	18.80
	-----	-----
	= 28750	100.00

Valid cases = 23344

Missing cases = 5406

Variable Name: sa2
Label: most important source of saving
Type: N
Position: 4
Survey/Derived: S
Question Num: SA2
Question Text: What is the most important source of this savings? (record only one answer)

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	saving up small amounts for a long time
3	from selling land
5	from selling other assets
7	from inheritance
9	profits from business
11	from selling agricultural product
13	from salary or wages
15	lottery winnings
17	other (specify)
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2165	7.53
3	64	0.22
5	19	0.07
7	25	0.09
9	309	1.07
11	1668	5.80
13	788	2.74
15	7	0.02
17	560	1.95
.b	3	0.01
.c	1295	4.50
.x	1	0.00
.y	21846	75.99
	= 28750	100.00

Valid cases = 5605

Missing cases = 23145

Variable Name: sa2o
Label: other of sa2
Type: C
Position: 5
Survey/Derived: S
Question Num: SA2
Question Text: What is the most important source of this savings? (record only one answer)
 17- other(specify)

Unique Values / Codes	
Unique values = 305	
Unique missing data codes = 3	
Valid cases = 510	Missing cases: IV (invalid value) = 1 MI (missing value) = 23194 NA (not applicable) = 5045

Variable Name: sa3
Label: number of deposits
Type: N
Position: 6
Survey/Derived: S
Question Num: SA3
Question Text: How many times did you make deposits with this institution in the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-60	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	60	2.88514	5.1045

Valid cases = 2577

Missing cases = 26173

Variable Name: sa4
Label: amount of deposit
Type: N
Position: 7
Survey/Derived: S
Question Num: SA4
Question Text: How much have you deposited in the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-3500000	number
.a	refuse to answer
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	3500000	41597.9	188598.4

Valid cases = 1919

Missing cases = 26831

Variable Name: sa5
 Label: number of withdrawal
 Type: N
 Position: 8
 Survey/Derived: S
 Question Num: SA5
 Question Text: How many times have you withdrawn money from your savings with this institution during the past 12 months? (do not include loans)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-70	number
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	70	.995761	3.20712

Valid cases = 2595

Missing cases = 26155

Variable Name: sa6
 Label: amount of withdrawal
 Type: N
 Position: 9
 Survey/Derived: S
 Question Num: SA6
 Question Text: How much have you withdrawn over the past 12 months?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-2500000	number
.a	refuse to answer
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	2500000	64639	195531.2

Valid cases = 918

Missing cases = 27832

Variable Name: sa7
Label: amount of current saving
Type: N
Position: 10
Survey/Derived: S
Question Num: SA7
Question Text: What amount do you have saved as of today? (don't ask about gold and cash)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-14000000	number
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	14000000	36493	323191

Valid cases = 3848

Missing cases = 24902

Section XX: General Questions

Data set name: j30.dta
 Observations: 2,875
 Variable count: 15
 Size: 1,676,125 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 2875	Missing cases = 0

Variable Name: gq1
 Label: opinion about membership
 Type: C
 Position: 2
 Survey/Derived: S
 Question Num: GQ1
 Question Text: What is your opinion on being a member or customer of more than one lending organization at a time?

Unique Values / Codes	
Unique values = 0 Unique missing data codes = 1	
Valid cases = 0	Missing cases: MI (missing value) = 2875

Variable Name: gq2a
Label: ever repaid 1 loan with other
Type: N
Position: 3
Survey/Derived: S
Question Num: GQ2A
Question Text: Have you ever repaid one loan using a loan from another source?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	Yes
3	no
.y	missing value

Frequency			
<u>Value</u>	<u>Count</u>	<u>Percent</u>	
1	678	23.58	
3	2196	76.38	
.y	1	0.03	
	-----	-----	
	= 2875	100.00	

Valid cases = 2874

Missing cases = 1

Variable Name: gq2b
Label: if answer YES to gq2a
Type: C
Position: 4
Survey/Derived: S
Question Num: GQ2B
Question Text: (If GQ2A is yes) Why, what were the circumstances?

Unique Values / Codes	
Unique values = 568	
Unique missing data codes = 2	
Valid cases = 668	Missing cases: MI (missing value) = 11 NA (not applicable) = 2196

Variable Name: gq3a
Label: ever repaid loan late
Type: N
Position: 5
Survey/Derived: S
Question Num: GQ3A
Question Text: Have you ever repaid a loan late or made a late loan payment?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	628	21.84
3	2246	78.12
.y	1	0.03
	-----	-----
	= 2875	100.00

Valid cases = 2874

Missing cases = 1

Variable Name: gq3b
Label: if answer YES to gq3a
Type: C
Position: 6
Survey/Derived: S
Question Num: GQ3B
Question Text: (If GQ3A is yes) Why, what were the circumstances?

Unique Values / Codes	
Unique values = 528	
Unique missing data codes = 2	
Valid cases = 617	Missing cases: MI (missing value) = 12 NA (not applicable) = 2246

Variable Name: gq4a
Label: ever missed pledge deposit
Type: N
Position: 7
Survey/Derived: S
Question Num: GQ4A
Question Text: Have you ever missed a savings deposit or made a savings deposit late to a pledge savings account?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	59	2.05
3	2803	97.50
.y	13	0.45
	-----	-----
	= 2875	100.00

Valid cases = 2862

Missing cases = 13

Variable Name: gq4b
Label: if answer YES to gq4a
Type: C
Position: 8
Survey/Derived: S
Question Num: GQ4B
Question Text: (If GQ4A is yes) Why, what were the circumstances?

Unique Values / Codes	
Unique values = 48	
Unique missing data codes = 2	
Valid cases = 55	Missing cases: MI (missing value) = 17 NA (not applicable) = 2803

Variable Name: gq5a
Label: ever default to cosigner
Type: N
Position: 9
Survey/Derived: S
Question Num: GQ5A
Question Text: Have you ever had a loan that was guaranteed by cosigners where the cosigners had to pay all or part of what you owed?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	7	0.24
3	2866	99.69
.y	2	0.07
	-----	-----
	= 2875	100.00

Valid cases = 2873

Missing cases = 2

Variable Name: gq5b
Label: if answer YES to gq5a
Type: C
Position: 10
Survey/Derived: S
Question Num: GQ5B
Question Text: (If GQ5A is yes) Why, what were the circumstances?

Unique Values / Codes	
Unique values = 6	
Unique missing data codes = 2	
Valid cases = 6	Missing cases: MI (missing value) = 3 NA (not applicable) = 2866

Variable Name: gq6a
Label: ever forfeited collateral
Type: N
Position: 11
Survey/Derived: S
Question Num: GQ6A
Question Text: Have you ever had a loan that was guaranteed by collateral where you had to forfeit your collateral because you could not repay the loan?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	19	0.66
3	2854	99.27
.y	2	0.07
	-----	-----
	= 2875	100.00

Valid cases = 2873

Missing cases = 2

Variable Name: gq6b
Label: if answer YES to gq6a
Type: C
Position: 12
Survey/Derived: S
Question Num: GQ6B
Question Text: (If GQ6A is yes) Why, what were the circumstances?

Unique Values / Codes	
Unique values = 17	
Unique missing data codes = 2	
Valid cases = 17	Missing cases: MI (missing value) = 4 NA (not applicable) = 2854

Variable Name: gq7a
Label: ever had borrower default
Type: N
Position: 13
Survey/Derived: S
Question Num: GQ7A
Question Text: Have you ever loaned someone money and then had to take their collateral, get someone else to pay what they owe, or just not been able to get repaid? (1=yes, 3=no; if no skip to GQ15.)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	26	0.90
3	2846	98.99
.y	3	0.10
	-----	-----
	= 2875	100.00

Valid cases = 2872

Missing cases = 3

Variable Name: gq7b
Label: if answer YES in gq7a
Type: C
Position: 14
Survey/Derived: S
Question Num: GQ7B
Question Text: (If GQ7A is yes) Why, what were the circumstances?

Unique Values / Codes	
Unique values = 24	
Unique missing data codes = 2	
Valid cases = 24	Missing cases: MI (missing value) = 5 NA (not applicable) = 2846

Variable Name: gq7c
Label: ever loaned again to defaulter
Type: N
Position: 15
Survey/Derived: S
Question Num: GQ7c
Question Text: Have you ever loaned money to that person again?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2	0.07
3	20	0.70
.c	2	0.07
.y	2851	99.17
	-----	-----
	= 2875	100.00

Valid cases = 22

Missing cases = 2853

Section XXI: Hypothetical Situation

Data set name: j31.dta
 Observations: 2,875
 Variable count: 13
 Size: 753,250 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2875	
Valid cases = 2875	Missing cases = 0

Variable Name: hs1
 Label: solution1 for 2000B
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num: HS1
 Question Text: Suppose you encounter an unavoidable emergency and you needed 2,000 B right away. How would you get the 2,000 B?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	use savings
3	sell land
5	mortgage land
7	sell equipment
9	sell livestock
11	sell jewelry/gold
13	sell car
15	sell motorcycle
17	sell other assets
19	get help from the temple
21	use welfare card
23	borrow from money lender in the village
25	borrow from money lender outside the village
27	borrow from one relative in village
29	borrow from one relative out of village
31	borrow from many relatives in the village
33	borrow from many relatives outside the village
35	borrow from many relatives in and out of the village
37	borrow from one non-relative in the village
39	borrow from one non-relative out of the village
41	borrow from many non-relatives in the village
43	borrow from many non-relatives outside the village
45	borrow from many non-relatives in and out of the village
47	borrow from many people-relatives and non-relatives in the village
49	borrow from many people- relatives and non-relatives outside the village
51	borrow from many people- relatives and non-relatives in and out of the village

53	have someone else borrow on your behalf
55	borrow from PCG
57	borrow from Agricultural Cooperative
59	borrow from housewife's group
61	borrow from BAAC group members
63	borrow from doctor
65	borrow from bank
67	sell rice
69	other (specify)
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	1004	34.92
3	3	0.10
5	13	0.45
9	39	1.36
11	41	1.43
13	4	0.14
15	4	0.14
17	17	0.59
19	1	0.03
21	1	0.03
23	208	7.23
25	40	1.39
27	759	26.40
29	85	2.96
31	100	3.48
33	11	0.38
35	17	0.59
37	197	6.85
39	15	0.52
41	17	0.59
43	1	0.03
47	4	0.14
49	1	0.03
53	14	0.49
55	7	0.24
57	9	0.31
61	12	0.42
63	1	0.03
65	6	0.21
67	93	3.23
69	141	4.90
.b	4	0.14
.c	3	0.10
.y	3	0.10
	-----	-----
	= 2875	100.00

Valid cases = 2865

Missing cases = 10

Variable Name: hs1o
Label: other of hs1
Type: C
Position: 3
Survey/Derived: S
Question Num: HS1
Question Text: Suppose you encounter an unavoidable emergency and you needed 2,000 B right away. How would you get the 2,000 B?
 69- other (specify)

Unique Values / Codes	
Unique values = 102 Unique missing data codes = 3	
Valid cases = 133	Missing cases: IV (invalid value) = 1 MI (missing value) = 17 NA (not applicable) = 2724

Variable Name: hs2
Label: solution2 for 2000B
Type: N
Position: 4
Survey/Derived: S
Question Num: HS2
Question Text: If that source wasn't available what would you do?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	use savings
3	sell land
5	mortgage land
7	sell equipment
9	sell livestock
11	sell jewelry/gold
13	sell car
15	sell motorcycle
17	sell other assets
19	get help from the temple
21	use welfare card
23	borrow from money lender in the village
25	borrow from money lender outside the village
27	borrow from one relative in village
29	borrow from one relative out of village
31	borrow from many relatives in the village
33	borrow from many relatives outside the village
35	borrow from many relatives in and out of the village
37	borrow from one non-relative in the village
39	borrow from one non-relative out of the village
41	borrow from many non-relatives in the village
43	borrow from many non-relatives outside the village
45	borrow from many non-relatives in and out of the village
47	borrow from many people-relatives and non-relatives in the village
49	borrow from many people- relatives and non-relatives outside the village
51	borrow from many people- relatives and non-relatives in and out of the village

53	have someone else borrow on your behalf
55	borrow from PCG
57	borrow from Agricultural Cooperative
59	borrow from housewife's group
61	borrow from BAAC group members
63	borrow from doctor
65	borrow from bank
67	sell rice
69	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	190	6.61
3	9	0.31
5	38	1.32
7	12	0.42
9	57	1.98
11	103	3.58
13	9	0.31
15	13	0.45
17	60	2.09
19	1	0.03
21	5	0.17
23	180	6.26
25	96	3.34
27	547	19.03
29	158	5.50
31	366	12.73
33	67	2.33
35	61	2.12
37	245	8.52
39	48	1.67
41	113	3.93
43	10	0.35
45	4	0.14
47	1	0.03
51	6	0.21
53	32	1.11
55	11	0.38
57	11	0.38
59	1	0.03
61	15	0.52
63	1	0.03
65	5	0.17
67	79	2.75
69	146	5.08
.a	3	0.10
.b	17	0.59
.c	144	5.01
.y	11	0.38
	-----	-----
	= 2875	100.00

Valid cases = 2700

Missing cases = 175

Variable Name: hs2o
Label: other of hs2
Type: C
Position: 5
Survey/Derived: S
Question Num: HS2
Question Text: If that source wasn't available what would you do?
 69-other(specify)

Unique Values / Codes	
Unique values = 113 Unique missing data codes = 2	
Valid cases = 135	Missing cases: MI (missing value) = 186 NA (not applicable) = 2554

Variable Name: hs3
Label: solution3 for 2000B
Type: N
Position: 6
Survey/Derived: S
Question Num: HS3
Question Text: If that source wasn't available what would you do?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	use savings
3	sell land
5	mortgage land
7	sell equipment
9	sell livestock
11	sell jewelry/gold
13	sell car
15	sell motorcycle
17	sell other assets
19	get help from the temple
21	use welfare card
23	borrow from money lender in the village
25	borrow from money lender outside the village
27	borrow from one relative in village
29	borrow from one relative out of village
31	borrow from many relatives in the village
33	borrow from many relatives outside the village
35	borrow from many relatives in and out of the village
37	borrow from one non-relative in the village
39	borrow from one non-relative out of the village
41	borrow from many non-relatives in the village
43	borrow from many non-relatives outside the village
45	borrow from many non-relatives in and out of the village
47	borrow from many people-relatives and non-relatives in the village
49	borrow from many people- relatives and non-relatives outside the village
51	borrow from many people- relatives and non-relatives in and out of the village
53	have someone else borrow on your behalf
55	borrow from PCG

57	borrow from Agricultural Cooperative
59	borrow from housewife's group
61	borrow from BAAC group members
63	borrow from doctor
65	borrow from bank
67	sell rice
69	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	175	6.09
3	30	1.04
5	95	3.30
7	12	0.42
9	83	2.89
11	90	3.13
13	8	0.28
15	27	0.94
17	99	3.44
19	6	0.21
21	4	0.14
23	192	6.68
25	102	3.55
27	181	6.30
29	117	4.07
31	290	10.09
33	93	3.23
35	88	3.06
37	189	6.57
39	59	2.05
41	139	4.83
43	26	0.90
45	14	0.49
47	18	0.63
49	6	0.21
51	20	0.70
53	32	1.11
55	10	0.35
57	18	0.63
59	2	0.07
61	30	1.04
65	28	0.97
67	85	2.96
69	139	4.83
.a	7	0.24
.b	58	2.02
.c	251	8.73
.y	52	1.81
	-----	-----
	= 2875	100.00

Valid cases = 2700

Missing cases = 175

Variable Name: hs3o
Label: other of hs3
Type: C
Position: 7
Survey/Derived: S
Question Num: HS3
Question Text: If that source wasn't available what would you do?
 69- other(specify)

Unique Values / Codes	
Unique values = 106 Unique missing data codes = 2	
Valid cases = 130	Missing cases: MI (missing value) = 377 NA (not applicable) = 2368

Variable Name: hs4
Label: solution1 for 20,000B
Type: N
Position: 8
Survey/Derived: S
Question Num: HS4
Question Text: Suppose you encounter an unavoidable emergency and you needed 20,000 B right away.
 How would you get the 20,000 B?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	use savings
3	sell land
5	mortgage land
7	sell equipment
9	sell livestock
11	sell jewelry/gold
13	sell car
15	sell motorcycle
17	sell other assets
19	get help from the temple
21	use welfare card
23	borrow from money lender in the village
25	borrow from money lender outside the village
27	borrow from one relative in village
29	borrow from one relative out of village
31	borrow from many relatives in the village
33	borrow from many relatives outside the village
35	borrow from many relatives in and out of the village
37	borrow from one non-relative in the village
39	borrow from one non-relative out of the village
41	borrow from many non-relatives in the village
43	borrow from many non-relatives outside the village
45	borrow from many non-relatives in and out of the village
47	borrow from many people-relatives and non-relatives in the village
49	borrow from many people- relatives and non-relatives outside the village
51	borrow from many people- relatives and non-relatives in and out of the village
53	have someone else borrow on your behalf

55	borrow from PCG
57	borrow from Agricultural Cooperative
59	borrow from housewife's group
61	borrow from BAAC group members
63	borrow from doctor
65	borrow from bank
67	sell rice
69	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	411	14.30
3	57	1.98
5	295	10.26
7	11	0.38
9	112	3.90
11	50	1.74
13	8	0.28
15	33	1.15
17	52	1.81
19	1	0.03
21	3	0.10
23	265	9.22
25	101	3.51
27	291	10.12
29	93	3.23
31	209	7.27
33	49	1.70
35	77	2.68
37	96	3.34
39	41	1.43
41	60	2.09
43	14	0.49
45	5	0.17
47	10	0.35
49	4	0.14
51	9	0.31
53	28	0.97
55	9	0.31
57	38	1.32
59	1	0.03
61	79	2.75
63	1	0.03
65	43	1.50
67	76	2.64
69	192	6.68
.a	1	0.03
.b	19	0.66
.c	25	0.87
.y	6	0.21
	-----	-----
	= 2875	100.00

Valid cases = 2824

Missing cases = 51

Variable Name: hs4o
Label: other of hs4
Type: C
Position: 9
Survey/Derived: S
Question Num: HS4
Question Text: Suppose you encounter an unavoidable emergency and you needed 20,000 B right away.
 How would you get the 20,000 B?
 69-other (specify)

Unique Values / Codes	
Unique values = 133 Unique missing data codes = 3	
Valid cases = 17	Missing cases: IV (invalid value) = 1 MI (missing value) = 69 NA (not applicable) = 2632

Variable Name: hs5
Label: solution2 for 20,000B
Type: N
Position: 10
Survey/Derived: S
Question Num: HS5
Question Text: If that source wasn't available what would you do?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	use savings
3	sell land
5	mortgage land
7	sell equipment
9	sell livestock
11	sell jewelry/gold
13	sell car
15	sell motorcycle
17	sell other assets
19	get help from the temple
21	use welfare card
23	borrow from money lender in the village
25	borrow from money lender outside the village
27	borrow from one relative in village
29	borrow from one relative out of village
31	borrow from many relatives in the village
33	borrow from many relatives outside the village
35	borrow from many relatives in and out of the village
37	borrow from one non-relative in the village
39	borrow from one non-relative out of the village
41	borrow from many non-relatives in the village
43	borrow from many non-relatives outside the village
45	borrow from many non-relatives in and out of the village
47	borrow from many people-relatives and non-relatives in the village
49	borrow from many people- relatives and non-relatives outside the village
51	borrow from many people- relatives and non-relatives in and out of the village

53	have someone else borrow on your behalf
55	borrow from PCG
57	borrow from Agricultural Cooperative
59	borrow from housewife's group
61	borrow from BAAC group members
63	borrow from doctor
65	borrow from bank
67	sell rice
69	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	84	2.92
3	108	3.76
5	284	9.88
7	21	0.73
9	109	3.79
11	60	2.09
13	15	0.52
15	60	2.09
17	87	3.03
19	2	0.07
21	3	0.10
23	187	6.50
25	148	5.15
27	167	5.81
29	68	2.37
31	247	8.59
33	116	4.03
35	110	3.83
37	88	3.06
39	39	1.36
41	124	4.31
43	35	1.22
45	20	0.70
47	33	1.15
49	11	0.38
51	25	0.87
53	32	1.11
55	9	0.31
57	45	1.57
59	3	0.10
61	63	2.19
63	1	0.03
65	49	1.70
67	36	1.25
69	138	4.80
.a	6	0.21
.b	57	1.98
.c	144	5.01
.y	41	1.43
	-----	-----
	= 2875	100.00

Valid cases = 2627

Missing cases = 248

Variable Name: hs5o
Label: other of hs5
Type: C
Position: 11
Survey/Derived: S
Question Num: HS5
Question Text: If that source wasn't available what would you do?
 69-other (specify)

Unique Values / Codes	
Unique values = 103 Unique missing data codes = 2	
Valid cases = 129	Missing cases: MI (missing value) = 257 NA (not applicable) = 2489

Variable Name: hs6
Label: solution3 for 20,000B
Type: N
Position: 12
Survey/Derived: S
Question Num: HS6
Question Text: If that source wasn't available what would you do?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	use savings
3	sell land
5	mortgage land
7	sell equipment
9	sell livestock
11	sell jewelry/gold
13	sell car
15	sell motorcycle
17	sell other assets
19	get help from the temple
21	use welfare card
23	borrow from money lender in the village
25	borrow from money lender outside the village
27	borrow from one relative in village
29	borrow from one relative out of village
31	borrow from many relatives in the village
33	borrow from many relatives outside the village
35	borrow from many relatives in and out of the village
37	borrow from one non-relative in the village
39	borrow from one non-relative out of the village
41	borrow from many non-relatives in the village
43	borrow from many non-relatives outside the village
45	borrow from many non-relatives in and out of the village
47	borrow from many people-relatives and non-relatives in the village
49	borrow from many people- relatives and non-relatives outside the village
51	borrow from many people- relatives and non-relatives in and out of the village
53	have someone else borrow on your behalf
55	borrow from PCG

57	borrow from Agricultural Cooperative
59	borrow from housewife's group
61	borrow from BAAC group members
63	borrow from doctor
65	borrow from bank
67	sell rice
69	other (specify)
.a	refuse to answer
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	80	2.78
3	229	7.97
5	334	11.62
7	26	0.90
9	65	2.26
11	54	1.88
13	38	1.32
15	44	1.53
17	88	3.06
19	2	0.07
23	118	4.10
25	114	3.97
27	45	1.57
29	41	1.43
31	140	4.87
33	74	2.57
35	78	2.71
37	60	2.09
39	32	1.11
41	98	3.41
43	28	0.97
45	21	0.73
47	35	1.22
49	15	0.52
51	61	2.12
53	35	1.22
55	9	0.31
57	42	1.46
59	3	0.10
61	77	2.68
63	1	0.03
65	113	3.93
67	39	1.36
69	157	5.46
.a	10	0.35
.b	115	4.00
.c	268	9.32
.x	1	0.03
.y	85	2.96
	-----	-----
	= 2875	100.00

Valid cases = 239

Missing cases = 479

Variable Name: hs60
Label: other of hs6
Type: C
Position: 13
Survey/Derived: S
Question Num: HS6
Question Text: other

Unique Values / Codes	
Unique values = 109 Unique missing data codes = 2	
Valid cases = 146	Missing cases: MI (missing value) = 490 NA (not applicable) = 2239

Section XXII: Institution and Organization (1)

Data set name: j32.dta
 Observations: 2,874
 Variable count: 6
 Size: 471,336 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2874	
Valid cases = 2874	Missing cases = 0

Variable Name: oth1
 Label: other row description of inst.
 Type: C
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text: Other row description (not in quex.)

Unique Values / Codes	
Unique values = 137 Unique missing data codes = 2	
Valid cases = 360	Missing cases: IV (invalid value) = 1 MI (missing value) = 2513

Variable Name: oth2
 Label: other row description of inst.
 Type: C
 Position: 3
 Survey/Derived: S
 Question Num:
 Question Text: Other row description (not in quex.)

Unique Values / Codes	
Unique values = 35 Unique missing data codes = 1	
Valid cases = 57	Missing cases: MI (missing value) = 2817

Variable Name: oth3
 Label: other row description of inst.
 Type: C
 Position: 4
 Survey/Derived: S
 Question Num:
 Question Text: Other row description (not in quex.)

Unique Values / Codes	
Unique values = 7 Unique missing data codes = 1	
Valid cases = 9	Missing cases: MI (missing value) = 2865

Variable Name: oth4
 Label: other row description of inst.
 Type: C
 Position: 5
 Survey/Derived: S
 Question Num:
 Question Text: Other row description (not in quex.)

Unique Values / Codes	
Unique values = 1 Unique missing data codes = 1	
Valid cases = 2	Missing cases: MI (missing value) = 2872

Variable Name: io9
 Label: Additional comment / observation
 Type: C
 Position: 6
 Survey/Derived: S
 Question Num: IO9
 Question Text: Do you have any additional comments or observations?

Unique Values / Codes	
Unique values = 1545 Unique missing data codes = 1	
Valid cases = 1737	Missing cases: MI (missing value) = 1137

Section XXII: Institution and Organization (2)

Data set name: j32tb1.dta
 Observations: 43,467
 Variable count: 13
 Size: 6,215,781 bytes

Variable Name: newid
 Label: caseid
 Type: C
 Position: 1
 Survey/Derived: D
 Question Num:
 Question Text:

Unique Values / Codes	
Unique values = 2874	
Valid cases = 43467	Missing cases = 0

Variable Name: ioid
 Label: line # ID of institution
 Type: N
 Position: 2
 Survey/Derived: S
 Question Num:
 Question Text: Item # of organizations and institution [different form on quex]

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	Rice Bank
2	Buffalo Bank
3	PCG
4	BAAC
5	BAAC Group
6	Agricultural Cooperative
7	Women's Group
8	Emergency Fund
9	Health Fund
10	Commercial Bank
11	Gov't Savings Bank
12	Insurance Company
13	Finance Company
14	Money-lender
15	ROSCA
16	other (specify)
17	other (specify)
18	other (specify)
19	other (specify)

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2874	6.61
2	2874	6.61
3	2874	6.61
4	2874	6.61
5	2874	6.61
6	2874	6.61
7	2874	6.61
8	2874	6.61
9	2874	6.61
10	2874	6.61
11	2874	6.61
12	2874	6.61
13	2874	6.61
14	2874	6.61
15	2874	6.61
16	306	0.70
17	43	0.10
18	6	0.01
19	2	0.00
	----- = 43467	----- 100.00

Valid cases = 43467

Missing cases = 0

Variable Name: iooth
Label: other institution (specified)
Type: C
Position: 3
Survey/Derived: D
Question Num:
Question Text: Other institutions and organizations (specify) (not in quex.)

Unique Values / Codes	
Unique values = 146	
Unique missing data codes = 1	
Valid cases = 357	Missing cases: MI (missing value) = 43110

Variable Name: io1
 Label: member or not
 Type: N
 Position: 4
 Survey/Derived: S
 Question Num: IO1
 Question Text: Is anyone in your household currently a member or a customer of ____?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	6174	14.20
3	37278	85.76
.y	15	0.03
	-----	-----
	= 43467	100.00

Valid cases = 43452

Missing cases = 15

Variable Name: io2
 Label: ever been member or not
 Type: N
 Position: 5
 Survey/Derived: S
 Question Num: IO2
 Question Text: (Ask if IO1 =3) Has anyone in your household ever been a member or a customer of ____, but is not currently?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	no
.c	not applicable
.y	missing value

Frequency

<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	880	2.02
3	36377	83.69
.c	6174	14.20
.y	36	0.08
	-----	-----
	= 43467	100.00

Valid cases = 37257

Missing cases = 6210

Variable Name: io3
Label: when did you join
Type: N
Position: 6
Survey/Derived: S
Question Num: IO3
Question Text: (Ask if IO1 or IO2 is 1) when did you join (or become a customer) of this organization?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1540-3539	number
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Unique Values / Codes	
Unique values = 59	
Unique missing data codes = 4	
Valid cases = 6989	Missing cases:
	.b (don't know) = 23
	.c (not applicable) = 36405
	.x (invalid value) = 1
	.y (missing value) = 49

Variable Name: io4
Label: when did you quit
Type: N
Position: 7
Survey/Derived: S
Question Num: IO4
Question Text: (Ask if IO2 is 1) When did you stop being a member (or a customer) of this organization?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1982-2540	number
.b	don't know
.c	not applicable
.y	missing value

Unique Values / Codes	
Unique values = 34	
Unique missing data codes = 3	
Valid cases = 852	Missing cases:
	.b (don't know) = 3
	.c (not applicable) = 36376
	.y (missing value) = 6236

Variable Name: io5
Label: why did you quit
Type: C
Position: 8
Survey/Derived: S
Question Num: IO5
Question Text: (If IO2 is 1) Why did you stop being a member (or a customer) of this organization? (record all that apply)

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
A	institution closed
B	repaid loan
C	could not saved any more, needed money for household expenses
D	too old
E	not enough time to participate
F	household welfare improved
G	household welfare declined
H	other (specify) IO5O
IV	invalid value
MI	missing value
NA	not applicable

Unique values = 25
 Unique missing data codes = 3

Valid cases = 78
 Missing cases:
 IV (invalid value) = 20
 MI (missing value) = 6286
 NA (not applicable) = 36378

Variable Name: io5o
Label: other of io5
Type: C
Position: 9
Survey/Derived: S
Question Num: IO5
Question Text: (If IO2 is 1) Why did you stop being a member (or a customer) of this organization? (record all that apply)
 H- other (specify)

Unique Values / Codes	
Unique values = 150 Unique missing data codes = 2	
Valid cases = 171	Missing cases: MI (missing value) = 6919 NA (not applicable) = 36377

Variable Name: io6
Label: number of borrowing
Type: N
Position: 10
Survey/Derived: S
Question Num: IO6
Question Text: (If IO1 or IO2 is 1) How many times have you borrowed from this organization?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
0-74	number
.c	not applicable
.y	missing value

Means

<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>S.D.</u>
0	74	2.431	5.33891

Valid cases = 6891

Missing cases = 36576

Variable Name: io7
Label: would you join
Type: N
Position: 11
Survey/Derived: S
Question Num: IO7
Question Text: (If IO1 and IO2 are 3) If one of your neighbors asked you to join this institution, would you or members of your household want to become a member/customer?

Unique Values / Codes	
<u>Value</u>	<u>Description</u>
1	yes
3	not sure
5	no
7	don't have one in the village
.a	refuse to answer
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	4813	11.07
3	4259	9.80
5	19755	45.45
7	7413	17.05
.a	1	0.00
.c	7071	16.27
.x	15	0.03
.y	140	0.32
	= 43467	100.00

Valid cases = 36247

Missing cases = 7227

Variable Name: io8
Label: reason for joining/not joining
Type: N
Position: 12
Survey/Derived: S
Question Num: IO8
Question Text: (If IO7 is 1) What is your main reason for wanting to join (or become a member of this organization?)
 (If IO7 is 5) What is your main reason for not becoming a member (or a customer) of this organization?

Unique Values / Codes

<u>Value</u>	<u>Description</u>
1	not enough time
3	don't have extra money to save
5	too old
7	other organizations do a better job of providing the services of this organization
9	members should be wealthy
11	members should be poor
13	to get the opportunity to save
15	to get the opportunity to borrow
17	not necessary – already have plenty of cash and credit
19	other(specify) IO8O
.a	refuse to answer
.b	don't know
.c	not applicable
.x	invalid value
.y	missing value

Frequency		
<u>Value</u>	<u>Count</u>	<u>Percent</u>
1	2530	5.82
3	5659	13.02
5	2554	5.88
7	3362	7.73
9	585	1.35
11	151	0.35
13	1477	3.40
15	2039	4.69
17	1357	3.12
19	4753	10.93
.a	1	0.00
.b	1	0.00
.c	11688	26.89
.x	13	0.03
.y	7297	16.79
	= 43467	100.00

Valid cases = 24467

Missing cases = 19000

Variable Name: io8o
Label: other of io8
Type: C
Position: 13
Survey/Derived: S
Question Num: IO8
Question Text: (If IO7 is 1) What is your main reason for wanting to join (or become a member of this organization?)
 (If IO7 is 5) What is your main reason for not becoming a member (or a customer) of this organization?
 19- other(specify)

Unique Values / Codes

Unique values = 1929
 Unique missing data codes = 4

Valid cases = 4589

Missing cases:
 DK (don't know) = 44
 IV (invalid value) = 1
 NA (not applicable) = 31386
 MI (not applicable) = 7447

Appendix A: Survey Questionnaire

GROWTH, INEQUALITY AND ORGANIZATIONAL DESIGN

THAILAND: HOUSEHOLD SURVEY

(March 7, 1997)

Contents

Section I: Household ID	A-1
Section II: Risk Response	A-4
Section III: Village Ranking & Opinion	A-9
Section IV: Household Composition	A-11
Section V: Occupation	A-14
Section VI: Occupation History	A-16
Section VII: Children Living Outside the House	A-18
Section VIII: Residential Patterns	A-21
Section IX: Parent's Characteristics	A-24
Section X: Inheritance	A-26
Section XI: Household Assets	A-28
Section XII: Agriculture Assets	A-30
Section XIII: Household Business	A-34
Section XIII: Household Business (Extra Forms)	A-73
Section XIV: Housing and Landholding	A-39
Section XV: Expenditure	A-46
Section XVI: Income	A-48
Section XVII: Borrowing	A-53
Section XVIII: Lending	A-56
Section XIX: Saving	A-60
Section XX: General Questions	A-62
Section XXI: Hypothetical Situation	A-65
Section XXII: Institution and Organization	A-67

I. Household Identification

(Team Leader Records)

CVR1A Changwat	CVR1A []
CVR1B Amphoe	CVR1B []
CVR1C Tambon	CVR1C []
CVR1D Village	CVR1D []
CVR1E Household Number	CVR1E []
CVR1F Team Number	CVR1F []

(Visit Information: Enumerator Records. Record **CVR2D** and **CVR2F** at end of visit)

CVR2A Enumerator	CVR2B Visit #	CVR2C Start Time	CVR2D End Time	CVR2E Day/Month	CVR2F Visit Results

CVR2F: Visit Results

- 1 - completed
- 3 - partially completed
- 5 - household refused
- 7 - no one home
- 9 - potential respondent could not answer questions satisfactorily
- 11 - other (specify) **CVR2FO**

(Interview Information: Field Editor or Team Leader Records. Record **CVR3D**,**CVR3F** and **CVR3G** at end of edit)

CVR3A Editor	CVR3B Edit #	CVR3C Start Time	CVR3D End Time	CVR3E Day/Month	CVR3F Results	CVR3G Action

CVR3F: Edit Results

- 1 - ready for data entry
- 3 - talk to enumerator
- 5 - sections incomplete
- 7 - recommend assign replacement household
- 9 - other (specify) **CVR3FO**

CVR3G: Action

- 1 - send to data entry
- 3 - set up repeat interview with same household (record sections to be repeated)
- 5 - assign replacement household (record assigned number of replacement household)
- 7 - other (specify) **CVR3G0**

CVR4 House Number (part of address)	CVR4 []
CVR5 Name of Household Head _____	CVR5 []
CVR5 Translation _____	
CVR6 Name of Respondent _____ (write the name of the person who is answering the questions, if head write "head", also record on household composition sheet.)	CVR6 []
CVR6 Translation _____	
CVR7 Relationship of Respondent to Head (also record on household composition sheet)	CVR7 []
CVR7O1 _____	
CVR7O2 _____	
CVR7O1 Translation _____	
CVR7O2 Translation _____	

CVR7 Relationship Codes

- 1 - Head
- 3 - Spouse
- 5 - Brother or Sister
- 7 - Son or Daughter
- 9 - Son or Daughter in law
- 11 - grandchild
- 13 - parent
- 15 - other relation and household member (specify) **CVR7O1**
- 17 - not household member (specify) **CVR7O2**

CVR8 Enumerator: when you get to the Household Composition Section (page xx) record the household roster number of the respondent here.	CVR8 []
CVR9 Sex of Respondent (1 - male, 3 - female) (also record on household composition sheet)	CVR9 []
CVR10 How many years has the household head lived in the village?	CVR10 []
CVR11 What is the current marital status of the household head? (If 1 skip to CVR13) 1 - never married 7 - divorced 3 - married 9 - widowed 5 - separated	CVR11 []
CVR12 How many years has (or did) the household head's spouse lived in the village?	CVR12 []
CVR13 What is the most convenient phone number to reach you at? (if none record 0 and skip to CVR15).	CVR13 []
CVR14 Whose phone number is this? 1 - this household's phone number 3 - phone number of a relative 5 - village public phone 7 - other	CVR14 []
CVR15 Enumerator Notes _____	CVR15 [xxx]
CVR15 Translation _____	
CVR16 Stop Time	CVR16 []

II. Risk Response

RR0 Start Time	RR0 []
-----------------------	-------------------------

Now I would like to ask you some questions about how your household copes with changes in welfare.

RR1 Of the last 5 years, what was the best year for household income? (If no changes in income, then go to RR4)	RR1 []
1 - last year: 4/96 - 3/97	4 - four years ago: 4/93 - 3/94
2 - two years ago: 4/95 - 3/96	5 - five years ago: 4/92 - 3/93
3 - three years ago: 4/94 - 3/95	9 - no changes in income over last 5 years

RR2 Why?(Record codes for first two that the respondent mentions)	RR2A
RR2AO (if other) _____	[]
RR2BO (if other) _____	RR2B []

RR2AO Translation _____
RR2BO Translation _____

- | | |
|--|--|
| 11 - flood
13- not enough rainfall
15- pests destroy crop
17- crop yield low for some other reason
19- fire destroys house and or equipment
21 - low price for output
23 - high input prices
25 - education expenses are higher
27 - need extra money for ceremony
29 - income lower because of retirement
31 - high investment costs
33 - high expenses because of illness
35 - building expenses are higher
37 - death in family
39 - worked fewer days in current occupation
41 - bad year for household business
43 - lost money from gambling
45 - unable to repay debts | 61 - lower educational expenses
63 - lower expenses for some other reason
65 - children finish school and go to work
67 - children send money home
69 - get a better main job
71 - have an additional occupation
73 - grow a new crop
75 - high price for output
77 - good weather for farming
79 - high crop yield for another reason
81 - able to borrow
83 - high land prices
85 - worked more days in current occupation
87 - high demand for product
89 - won lottery
91 - other (specify) RR2AO, RR2BO |
|--|--|

RR3 Was this a good year for many of the households in the village? (1 - yes, 3 - no)	RR3 []
---	-------------------------

<p>RR4 Of the last 5 years, what was the worst year for household income? (If no changes in income over the last 5 years, go to RR11A.)</p> <p>1 - last year: 4/96 - 3/97 2 - two years ago: 4/95 - 3/96 3 - three years ago: 4/94 - 3/95</p>	<p>RR4 []</p> <p>4 - four years ago: 4/93 - 3/94 5 - five years ago: 4/92 - 3/93 9 - no changes in income over last 5 years</p>
<p>RR5 Why? (<u>Record codes for first two that the respondent mentions</u>)</p> <p>RR5AO (if other) _____</p> <p>RR5BO (if other) _____</p> <p>11 - flood 13- not enough rainfall 15- pests destroy crop 17- crop yield low for some other reason 19- fire destroys house and or equipment 21 - low price for output 23 - high input prices 25 - education expenses are higher 27 - need extra money for ceremony 29 - income lower because of retirement 31 - high investment costs 33 - high expenses because of illness 35 - building expenses are higher 37 - death in family 39 - worked fewer days in current occupation 41 - bad year for household business 43 - lost money from gambling 45 - unable to repay debts</p>	<p>RR5A []</p> <p>RR5B []</p> <p>61 - lower educational expenses 63 - lower expenses for some other reason 65 - children finish school and go to work 67 - children send money home 69 - get a better main job 71 - have an additional occupation 73 - grow a new crop 75 - high price for output 77 - good weather for farming 79 - high crop yield for another reason 81 - able to borrow 83 - high land prices 85 - worked more days in current occupation 87 - high demand for product 89 - won lottery 91 - other (specify) RR2AO, RR2BO</p>
<p>RR6 Was this a bad year for most of the households in the village? (1 - yes, 3 - no)</p>	<p>RR6 []</p>

RR7 What did your household do in the worst year of the last five to get by?

RR7A Spontaneous Responses (record a 1 in the column next to the responses that the respondent mentions without prompting)

RR7B Non-Spontaneous Responses (read all of the responses that the respondent has not mentioned yet. Record a 1 if the respondent did the activity in the worst year, 0 if they did not.)

RR8 Help with money or goods (Ask this question only if the respondent has a 1 for any of the actions 9 - 25, or a relevant "other") Was this a gift or does it have to be repaid? If it is not a gift, do you need to repay at a specific time, or whenever you are able? **Codes:** 1 - gift, 3 - repay when able, 5 - repay at a specific time

	Household Actions	RR7A not prompted	RR7B prompted	RR8 repay
1	sell/eat rice in storage			NA
2	spend less on household items, food etc.			NA
3	spend less on inputs			NA
4	sell jewelry			NA
5	sell land			NA
6	work harder than in a normal year			NA
7	do additional occupation			NA
8	use savings			NA
9	get help from government			
10	help from relatives in village (not money)			
11	help with money from relatives in the village			
12	help from relatives out of village (not money)			
13	help with money from relatives out of the village			
14	help from non-relatives in village (not money)			
15	help with money from non-relatives in the village			
16	help from non-relatives out of village (not money)			
17	help with money from non-relatives out of the village			
18	get help from the temple			
19	borrow from BAAC group members			
20	borrow from BAAC			
21	borrow from supplier of inputs in the village			
22	borrow from supplier of input out of the village			
23	borrow from moneylender in village			
24	borrow from moneylender out of village			
25	borrow from village store owner			
26	borrow from village rice bank			NA
27	borrow from PCG			NA
28	borrow from Housewife's group			NA
29	borrow from village fund			NA
30	borrow from Marketing Demonstration Center			NA
31	borrow from Agricultural Cooperative			NA
32	borrow from commercial bank			NA
33	migrate for less than 6 months for work (some/all of household)			NA
34	migrate for 6 or more than months for			NA

	Household Actions	RR7A not prompted	RR7B prompted	RR8 replay
	work (some/all of household)			
35	sell livestock or equipment*			NA
36	other (specify)	Translation		
37				
38				
39				
40				

Ask the respondent to tell you the first, second and third most important responses.

Ranking of Responses	RR9A
First most Important	[]
Second most Important	RR9B
	[]
Third most Important	RR9C
	[]

Sell Livestock or Equipment:

(For people who have a 1 for 35, otherwise skip to RR11A)

RR10A What did you sell?	RR10A
A - Pigs	[]
B - Cows	
C - Buffalo	
D - Poultry	
E - Other RR10AO _____ RR10AO Translation _____	
RR10B Did you sell more/the same/less than in a normal year? 1 - more, 3 - same, 5 - less, 7 - in a normal year sell none	RR10B []
RR10C Did you sell earlier/same time/later than in a normal year? 1 - earlier, 3 - same time, 5 - later, 7 - in a normal year sell none	RR10C []

Migration

RR11A In a year when income is normal – neither particularly high nor particularly low – do any household members usually migrate to work for a period of less than 6 months? (1 - yes, 3 - no)	RR11A []
RR11B In a year when income is normal – neither particularly high nor particularly low – do any household members usually migrate to work for a period of 6 or more months? (1 - yes, 3 - no)	RR11B []

RR12 Enumerator Notes	RR12
_____	[xxx]

RR12 Translation	

RR13 Stop Time	RR13
	[]

III. Village Ranking and Opinion

NE0 Start Time	NE0 []
----------------	----------------

NE1 Now I would like to get your opinion about how your village compares to others in the tambon. I would like you to compare your village to three others. They are: (say the name (and numbers) of the other villages in the tambon that we will interview. Team Leader should write in the names and the numbers of the four villages sampled from the tambon. The village number assignments (1 - 4, below) should be the same for every household in the tambon)

	Village Name	Village Number
1		
2		
3		
4		

NE2A In your opinion, which village of the four villages mentioned above is the best in terms of ____ (ask about each category listed in the table below). Record the number (**moo baan number**) of the best village in the table below.

NE2B In your opinion, which village of the four villages mentioned above is the worst in terms of ____ (ask about each category listed in the table below). Record the number (**moo baan number**) of the worst village in the table below.

	NE2A best village	NE2B worst village
A. Availability and quality of Institutions		
B. Cooperation among Villagers		
C. Natural resources (water, fertility of soil)		
D. Village Leadership		
E. Standard of Living		

NE4 In general, what do you think is the reason that these four villages are different? (If the respondent makes specific comments about the various villages please record them in the space for the village below) _____ _____ _____	NE4 [xxx]
NE4 Translation _____ _____ _____ _____	
NE4A Comments about Village #1 _____ _____	NE4A [xxx]

NE4A Translation <hr/> <hr/>	
NE4B Comments about Village #2 <hr/> <hr/>	NE4B [xxx]
NE4B Translation <hr/> <hr/>	
NE4C Comments about Village #3 <hr/> <hr/>	NE4C [xxx]
NE4C Translation <hr/> <hr/>	
NE4D Comments about Village #4 <hr/> <hr/>	NE4D [xxx]
NE4D Translation <hr/> <hr/>	
NE5 Enumerator Notes <hr/> <hr/> <hr/> <hr/>	NE5 [xxx]
NE5 Translation <hr/> <hr/> <hr/> <hr/>	
NE6 Stop Time	NE6 []

IV. Household Composition

HC0 Start Time	HC0 []
-----------------------	--------------------------

Now I would like to ask you some questions about all of the people who usually live in this house. (Definition of the household: all the people who lived and ate in this house for at least 6 months out of the last 12 months and children who are studying away from home and are supported by members of this household.)

HC1 Total number of household members (<u>Enumerator answer this question after you have found out about all of the household members</u>)	HC1 []
---	--------------------------

HC2 Name of household member (write down the name you would call them – their nickname, not their formal name)

HC3 How is ___ related to the household head?

HC4 Record the sex of each household member (1 - male, 3 - female)

HC5 How old was ___ on their last birthday? (If 3 years of age or less, skip to the next person.)

HC6 Is ___ in school now? (1 - yes, 3 - no)

HC7 What is the highest grade of school that ___ has completed? (see codes on next page)

HC8 What system of grades was in place when ___ went to school?

HC9 Has ___ received any adult education? (1 - yes, 3 - no)

HC10 Besides formal schooling has ___ received any training? (1 - yes, 3 - no)

Enumerator:

HC1: (After you have found out about the names of all of the household members write down the total number of household members above at **HC1** – the data entry program needs this information.)

CVR8: Once you are done with this section, record the respondent’s line number from the first column of the table on page 3 at **CVR8.**

#	HC2 Name	HC3 Relation	HC4 Sex	HC5 Age	HC6 School	HC7 Grade	HC8 System	HC9 Adult	HC10 Train
1									
2									
3									
4									
5									
6									

7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

HC3: Codes for Relationship to Head

- 1 - head
- 3 - spouse
- 5 - brother or sister
- 7 - son or daughter
- 9 - son in law or daughter in-law
- 11 - grandchild
- 13 - parent
- 15 - other relation and household member (specify) HC3O _____

HC7: Codes for highest grade completed

- 1 - no school
- 3 - P. 1
- 5 - P. 2
- 7 - P. 3
- 9 - P. 4
- 11 - P. 5
- 13 - P. 6
- 15 - P. 7
- 17 - M or MS 1
- 19 - M or MS 2
- 21 - M or MS 3
- 23 - M or MS 4
- 25 - M or MS 5
- 27 - M or MS 6
- 29 - M or MS 7
- 31 - M or MS 8
- 33 - PWC 1
- 35 - PWC 2
- 37 - PWC 3
- 39 - PWS 1
- 41 - PWS 2
- 43 - PWT 1
- 45 - PWT 2
- 47 - Univ. 1

- 49 - Univ. 2
- 51 - Univ. 3
- 53 - Univ. 4
- 55 - other

HC8: Codes for educational system: 1 - old system, 3 -new, 5-temple

During the rest of the survey, when I use the word “household” I will be referring to the people listed above.

<p>HC11 Enumerator Notes</p> <hr/> <hr/> <hr/> <hr/>	<p>HC11 [xxx]</p>
<p>HC11 Translation</p> <hr/> <hr/> <hr/> <hr/>	
<p>HC12 Stop Time</p>	<p>HC12 []</p>

V. Occupation**OC0** Start Time**OC0**

[]

(Ask these questions about household members who are 11 years or older. Keep the same member numbers as before.)

Primary Occupation**OC1A** What was ___'s primary occupation over the past 12 months?**[See Coding Sheet for Codes]**

(Defn: primary occupation = the occupation that you earned the most from during the past 12 months. If there is not a code write in answer. Be sure to write down the job title – for example someone could work in a bank and be a janitor or a the vice president! If someone works in a factory please record what they make – e.g. toys, wigs, computer chips)

OC1B What type of worker is ___ in this job?**[See Coding Sheet for Codes]****OC1C** (For wage, salary and government workers only, **OC1B** = 5, 7 or 13) What is ___'s daily (or monthly, as applicable) wage in this job?**OC1D** For how many years has ___ been doing this type of work? (If someone says they have been doing this work since they were born, record their age minus 10 as the number of years).**Secondary Occupation****OC2A** What was ___'s secondary occupation (if more than one secondary occupation, record the one that the person earned the most from over the past 12 months? (Use code 1 if the person has no secondary occupation, otherwise use the codes for OC1A)**[See Coding Sheet for Codes]****OC2B** What type of worker is ___ in this job?**[See Coding Sheet for Codes]****Village Positions****OC3** Which of the following village positions does ___ hold? (record all that apply)**[See Coding Sheet for Codes]**

#	Primary Occupation				Secondary Occupation		Positions
	OC1A Occupation	OC1B type	OC1C wage	OC1D years	OC2A Occupation	OC2B type	OC3 Position

OC1A, OC2A: Codes for Occupation
[See Coding Sheet for Codes]

OC1B, OC2B: Codes for worker type
[See Coding Sheet for Codes]

OC3: Codes for Village or Tambon Positions
[See Coding Sheet for Codes]

Answer these questions after completing the table

OC4 Enumerator Notes _____ _____ _____ _____	OC4 [xxx]
OC4 Translation _____ _____ _____ _____	
OC5 Stop Time	OC5 []

VI. Occupational History

OH0 Start Time	OH0 []
-----------------------	------------------------

Now I would like to ask you some questions about what your primary occupation has been in the past and also the past primary occupations of the rest of your family. (Ask these questions about household members who are 11 years or older. Keep the same member numbers as before!)

OH1 Has ___ had any other primary occupation besides the one they are doing now? (1 - yes, 3 - no, if no, skip to the next member of the household, if yes go to **OH2A**)

OH2A What was ___'s previous primary occupation?
[See Coding Sheet for Codes]

OH2B For how many years was this your primary occupation?

OH3A What was ___'s primary occupation before that?
[See Coding Sheet for Codes]

OH3B For how many years was this your primary occupation?

OH4A What was ___'s primary occupation before that?
[See Coding Sheet for Codes]

OH4B For how many years was this your primary occupation?

OH0A #	OH1 prior job?	OH2A prior job #1	OH2B years	OH3A prior job #2	OH3B years	OH4A prior job #3	OH4B years

OH2A, OH3A, OH4A: Codes for Occupation
[See Coding Sheet for Codes]

<p>OH5 Have you ever seriously considered changing your primary occupation (or the main crop that you grow) and been unable to do so? (1 - yes, 3 - no)</p>	<p>OH5 []</p>
<p>OH6A (If yes) What occupation did you want to do? (or What crop did you want to grow? Why were you unable to change your occupation? (or why were you unable to change the crop that you grow?)</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>OH6A [xxx]</p>
<p>OH6A Translation</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>OH6A [xxx]</p>
<p>OH6B Probe about why they can't or do not want to borrow the necessary funds?</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>OH6B [xxx]</p>
<p>OH6B Translation</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>OH6B [xxx]</p>

<p>OH7 Enumerator Notes</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>OH7 [xxx]</p>
<p>OH7 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>OH7 [xxx]</p>
<p>OH8 Stop Time</p>	<p>OH8 []</p>

VII. Children Living Outside the House

KH0 Start Time	KH0 []
-----------------------	-------------------------

KH1 How many children of the head and/or the spouse live outside the house? (If none skip to RP0)	KH1 []
--	-------------------------

KH2 (If the child was included in the household roster on page 5, then record that number in the first column of the table below and skip to **KH8** . If the child was not included on the roster then write down XX. Please take this opportunity to determine if the child should be included in the household roster, or not. I.e. did the child live in the house for 6 or more months of the last 12, or if they haven't lived in the house for 6 of the last 12 months, are they in school and supported by members of the household?)

KH3 What is ___'s name? (Write down their nickname)

KH4 What was ___'s age at their last birthday?

KH4A What is ___'s sex? (1 – male, 3 – female)

KH5 What is the highest grade of school that ___ has completed?

KH6 What is ___'s primary occupation?

[See Coding Sheet for Codes]

KH7 What type of worker are they in this job?

[See Coding Sheet for Codes]

KH8 Where does ___ live? (Record Changwat Code)

KH9 How many times did ___ send you money during the past 12 months?

KH10 Approximately how much money did ___ send you in **total** over the past 12 months?

KH11 How many times did you send ___ money during the past 12 months?

KH12 Approximately how much money did you send ___ in **total** over the past 12 months?

KH13 Enumerator Notes	KH13 [xxx]
KH13 Translation	
KH14 Stop Time	KH14 []

#	KH3 name	KH4 age	KH4A sex	KH5 school	KH6 job	KH7 type	KH8 where

#	KH9 receive#	KH10 receive \$	KH11 send #	KH12 send \$

KH5: Codes for highest grade completed

- 1 - no school
- 3 - P. 1
- 5 - P. 2
- 7 - P. 3
- 9 - P. 4
- 11 - P. 5
- 13 - P. 6
- 15 - P. 7
- 17 - M or MS 1
- 19 - M or MS 2
- 21 - M or MS 3
- 23 - M or MS 4
- 25 - M or MS 5
- 27 - M or MS 6
- 29 - M or MS 7
- 31 - M or MS 8
- 33 - PWC 1
- 35 - PWC 2
- 37 - PWC 3
- 39 - PWS 1
- 41 - PWS 2
- 43 - PWT 1
- 45 - PWT 2
- 47 - Univ. 1
- 49 - Univ. 2
- 51 - Univ. 3
- 53 - Univ. 4
- 55 - other

KH6 Codes for Occupation
[See Coding Sheet for Codes]

KH7: Codes for worker type
[See Coding Sheet for Codes]

KH8: Codes for Changwat
(get these from SES or CDD)

VIII. Residential Patterns

RP0 Start Time	RP0 []
-----------------------	--------------------------

Now I would like to ask you some questions about the relatives of the household head and his or her spouse.

Head’s Relatives

RP1A-H A & B Is the Head’s ___ living? (**1 - yes, 0 - no**)

C - H How many ___ does the head have?

RP2A-H How many live in the head’s house?

RP3A-H How many live in the head’s village, but not in the head’s house?

RP4A-H How many don’t live in the head’s village but live in the head’s tambon?

Head’s Relatives	RP1 How many?	RP2 House?	RP3 Village?	RP4 Not village, tambon?
A. Mother				
B. Father				
C. Sons				
D. Daughters				
E. Older Brothers				
F. Younger Brothers				
G. Older Sisters				
H. Younger Sisters				

Spouse’s Relatives

RP5A-F A & B Is the spouse’s ___ living? (**yes = 1, no = 0**)

C - F How many ___ does the spouse have?

RP6A-F How many live in this house?

RP7A-F How many live in this village, but not in this house?

RP8A-F How many don’t live in this village but live in this tambon?

Spouse’s Relatives	RP5 How many?	RP6 House?	RP7 Village?	RP8 Not village, tambon?
A. Mother				
B. Father				
C. Older Brothers				
D. Younger Brothers				
E. Older Sisters				
F. Younger Sisters				

Head or Spouse's Parents out of the tambon

(ask if the head or the spouse's mother and/or father are alive and are living outside the tambon. Otherwise skip to RP15)

1 in RP1A or B, and 0 in RP2, RP3 and RP4 AND/OR 1 in RP5A or B, and 0 in RP6, RP7 and RP8.) Codes: 1 - yes, 3 - no

RP9 In the past 12 months, have you or anyone in your household shared rice with the head or spouse's parents?	RP9 []
RP10 In the past 12 months, have the head or spouse's parents shared rice with you or anyone else in your household?	RP10 []
RP11 In the past 12 months, have you or anyone in your household helped the head or the spouse's parents with free labor	RP11 []
RP12 In the past 12 months, have the head or spouse's parents helped you or anyone in your household with free labor?	RP12 []
RP13 In the past 12 months, have you or anyone in your household helped the head or spouse's parents with money?	RP13 []
RP14 In the past 12 months, have the head or spouse's parents helped you or anyone in your household with money?	RP14 []

Head and Spouse's Relatives in the village and the tambon

(Ask if the head or the spouse have any relatives (including parents and kids) that are living in the village or in the tambon but not in the same house. Otherwise skip to RP22)

Sum of column RP3 or RP4 or RP7 or RP8 is greater than zero. Codes: 1 - yes, 3 - no

RP15 In the past 12 months, has anyone in your house shared rice with anyone of the relatives who were mentioned above who live in the village or the tambon?	RP15 []
RP16 In the past 12 months have any of the relatives who were mentioned above and who live in the village or tambon shared rice with any of the people who live in this house?	RP16 []
RP17 In the past 12 months, has anyone in your house done labor exchange with any of the relatives who were mentioned above and who live in the village or tambon?	RP17 []
RP18 In the past 12 months, has anyone in your house let any of the relatives who were mentioned above and who live in the village or tambon use farm equipment owned by people in this house for free?	RP18 []
RP19 In the past 12 months, has anyone in your house gotten free use of farm equipment owned by the relatives who were mentioned above and who live in the village or tambon?	RP19 []
RP20 In the past 12 months, has anyone in your house helped any of the relatives who were mentioned above and who live in the village or the tambon with money?	RP20 []

<p>RP21 In the past 12 months have any of the relatives who were mentioned above and who live in the village or the tambon helped anyone in this house with money?</p>	<p>RP21 []</p>
---	--------------------------------

Non - Relatives Inside the Village and Tambon

Codes: 1 - yes, 3 - no

<p>RP22 In the past 12 months, have you or anyone in your household shared rice with non-relatives in the village or the tambon?</p>	<p>RP22 []</p>
<p>RP23 In the past 12 months, have any non-relatives in the village or the tambon shared rice with you or anyone else in your household</p>	<p>RP23 []</p>
<p>RP24 In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with free labor?</p>	<p>RP24 []</p>
<p>RP25 In the past 12 months, have any non-relatives in the village or the tambon helped you or anyone in your household with free labor?</p>	<p>RP25 []</p>
<p>RP26 In the past 12 months, have you or anyone in your household let non-relatives in the village or the tambon use farm equipment for free?</p>	<p>RP26 []</p>
<p>RP27 In the past 12 months, have any non-relatives in the village or the tambon let you or anyone in your household use farm equipment for free?</p>	<p>RP27 []</p>
<p>RP28 In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with money?</p>	<p>RP28 []</p>
<p>RP29 In the past 12 months, have any non-relatives in the village or the helped you or anyone in your household with money?</p>	<p>RP29 []</p>

<p>RP30 Enumerator Notes</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>RP30 [xxx]</p>
<p>RP30 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>RP31 Stop Time</p>	<p>RP31 []</p>

IX. Parent’s Characteristics

PW0 Start Time	PW0 []
-----------------------	-------------------------

(Ask each of these questions for the head’s father and mother and the spouse’s father and mother)

PW1 What was ____’s (ask about each parent) primary occupation during most of their life?

[See Coding Sheet for Codes]

PW2 How much schooling did ____ complete?

PW3 Did ____ hold any of the following positions in the village? (Please write down all that apply)

[See Coding Sheet for Codes]

PW4 How much land did ____ own? (ask about the head’s parents together and about the spouse’s parents together, and record on line for father. Record the answer in rai)

PW5 How did ____ acquire this land? (record all that apply)

[See Coding Sheet for Codes]

	PW1 Occupation	PW2 Education	PW3 Positions	PW4 Land	PW5 Acquired
1. Head’s Father					
2. Head’s Mother				NA	NA
3. Spouse’s Father					
4. Spouse’s Mother				NA	NA

PW1 Occupation Codes

[See Coding Sheet for Codes]

PW2 Education Codes: **1** - no education, **3** - less than P.4, **5** - P. 4, **7** - more than P.4

PW3 Village Position Codes

[See Coding Sheet for Codes]

PW5 How Land Was Acquired Codes

[See Coding Sheet for Codes]

PW6A Compared to the other people in your village, would you say that your household is? (If answer is 1 or 5 skip to PW7A)	PW6A []
1 - among the poorest households in the village?	
3 - around the middle in terms of wealth?	
5 - among the richest households in the village?	

<p>PW6B (If PW6A is 3) Which of the following statements best describe your household? Of the households in the village who are in the middle in terms of wealth, my household is</p> <p>1 - among the poor 3 - among the middle 5 - among the rich</p>	<p>PW6B []</p>
<p>PW7A Compared to the other people in the head's parent's village, would you say that the head's parents were/are? (If answer is 1 or 5 skip to PW8A)</p> <p>1 - among the poor households in the village? 3 - around the middle in terms of wealth? 5 - among the rich households in the village?</p>	<p>PW7A []</p>
<p>PW7B (If PW7A is 3) Which of the following statements best describe the head's parents household? Of the households in the village who are in the middle in terms of wealth, the head's parents were/are:</p> <p>1 - among the poor 3 - among the middle 5 - among the rich</p>	<p>PW7B []</p>
<p>PW8A Compared to the other people in the spouse's parent's village, would you say that the spouse's parents were/are? (If answer is 1 or 5 skip to PW9)</p> <p>1 - among the poor households in the village? 3 - around the middle in terms of wealth? 5 - among the rich households in the village?</p>	<p>PW8A []</p>
<p>PW8B (If PW8A is 3) Which of the following statements best describe the spouse's parents household? Of the households in the village who are in the middle in terms of wealth, the spouse's parents were/are:</p> <p>1 - among the poor 3 - among the middle 5 - among the rich</p>	<p>PW8B []</p>
<p>PW9 Enumerator Notes</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>PW9 [xxx]</p>
<p>PW9 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>PW10 Stop Time</p>	<p>PW10 []</p>

X. Inheritance

IH0 Start Time	IH0 []
-----------------------	------------------------

Now I would like to ask you some questions about the things that you and your spouse inherited or expect to inherit from your parents.

IH1 Have you or your spouse inherited anything from either of your parents? (either you legally own the inheritance now or you use it now and expect to gain legal ownership when your parents die) (1 - yes, 3 - no, if no skip to IH5)	IH1 []
--	------------------------

IH2 What did you and your spouse inherit from either of your parents? (Put a 1 in the appropriate column of the table below next to all of the things that the respondent mentions on his or her own. Then ask separately about the things that the respondent did not mention.) Did you and your spouse inherit any ____? (ask about the items on the list below that the respondent did not mention on their own? 1 - yes, 3 - no)

IH3A (for land - head and spouse) How many rai were inherited?

IH3B (for land - head and spouse) What was the value of the land at the time of inheritance?

(for livestock) What was the value of the livestock that you inherited at the time of inheritance?

(for house) What was the house worth when you and your spouse inherited it?

(for debt) How much debt did you and your spouse inherit in total from both of your parents (If the debt is in goods, record the value of what was owed at the time of inheritance).

IH4 In what year did you inherit (or begin using) ____?

		IH2 inherit	IH3A amount	IH3B value	IH4 year
1	Land - head				
2	Land - spouse				
3	Livestock		NA		
4	House		NA		
5	Debt		NA		
6	Cash		NA	NA	
7	Gold/Jewelry		NA	NA	
8	other (specify)		NA		

IH5 Enumerator Notes _____ _____ _____ _____	IH5 [xxx]
IH5 Translation _____ _____ _____ _____	
IH6 Stop Time	IH6 []

XI. Household Assets

HA0 Start Time	HA0 []
-----------------------	------------------------

HA2 Does anyone who usually lives in this household own ____ ? If so, how many? (record 0 if none, the number owned otherwise. For multiple items – use the extra lines on the table to record the information for each item. “Other” items must cost at minimum 1,000 Baht)

HA3 How much did it cost?

HA4 How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to **HA5**. [See Coding Sheet for Codes]

HA4A What was the largest source of the money to buy this item?

HA4B How much money came from this source?

HA5 For how many years has the household owned this item?

HA1 Assets	HA2 #	HA3 Cost	HA4, HA4O source	HA4A Most important source	HA4B amount	HA5 years
1. TV - Color						
2. VCR						
3. Air Conditioner						
4. Regular Telephone						
5. Cellular Telephone						
6. Refrigerator						
7. Motorcycle						
8. Car						
9. Pick-up Truck						
10. Long Tail Boat w/ motor (rua haan yao)						
11. Large fishing boat (rua lark)						
12. Washing Machine						
13. Gas Stove						
14. Bicycle						
15. Stereo						
16						
17						
18						
19						
20						

HA6 Enumerator Notes		HA6 [xxx]

HA6 Translation		

HA7 Stop Time		HA7 []

XII. Agricultural Assets

FA0 Start Time	FA0 []
FA1 Is this household involved in agricultural activities? (1 - yes, 3 - no) (If no skip to BA0 . <u>Agricultural activities include rice farmer, other crop, shrimp, chicken, pigs, other livestock, orchards, etc. The agricultural activity does not have to be the primary occupation of anyone in the household</u>)	FA1 []
FA2 What type of agricultural activity or activities is this household involved in? (List all that apply) FA2O _____	FA2 []
FA2O Translation _____	
A - rice farming B - corn farming C - shrimp farming D - raise fish other than shrimp E - orchard farming F - vegetable farming	G - growing another crop H - raising livestock: chicken or duck I - raising livestock: pig, cow or buffalo J - working as a farm laborer K - other (specify) FA2O

(Please record the answers to the following questions on the table on the next page.)

FA4 Does anyone who usually lives in this household own ____ ? If so, how many? (record 0 if none, the number owned otherwise. If the household owns multiple items – walking tractors, for example – use the extra lines on the table to record the information for each walking tractor. Other items – lines 12 and higher should cost at least 1000B)

FA5 How much did this item cost?

FA6 How did you get the money to buy this item? (Record all that apply. If only one answer then skip to **FA7**. **[See Coding Sheet for Codes]**)

FA6A What was the largest source of the money to buy this item?

FA6B How much money came from this source?

FA7 For how many years has the household owned this item?

FA3 Assets	FA4 #	FA5 Cost	FA6 source	FA6A Most important source	FA6B amount	FA7 years
1. Walking Tractor						
2. Large four-wheel tractor						
3. Small four-wheel tractor						
4. Set: machine to put in seeds, pesticides for preventing grass, machine to mix fertilizer and soil						
5. sprinkler						
6. threshing machine						
7. rice mill						
8. crop storage buildings						
9. large chicken coop						
10. other large buildings for livestock						
11. Other important assets that are used in farming						
12						
13						
14						
15						
16						
17						
18						
19						
20						

FA6: Codes for Money From
[See Coding Sheet for Codes]

Shrimp and Fish Ponds

FA8 How many shrimp or fish ponds for raising adult shrimp or fish (i.e. only the big ponds, not the little ones for breeding!) does this household own? (If none, skip to FA14)	FA8 []
---	-----------------------

(Please ask the following questions about each big shrimp pond and record the answers in the table below.)

FA9 How big is this pond? (Record the answer in rai)

FA10 Is this a shrimp or a fish pond? (1 - shrimp, 3 - fish, 5 - shrimp and fish pond, 7 - other)

FA11 For how many years has this pond been operating?

FA12 How much did it cost to build this pond?

Scale of Farm Enterprise

FA16 If you could increase the size of your farm do you think it would be more profitable? (1 - yes, 3 - no) If no skip to FA18	FA16 []
FA17A (<u>If yes</u>) What stops you from increasing the size of your farm? What are the main barriers or obstacles to increasing the size of your farm? (Coded response, record all that apply)	FA17A []
A - Not enough land B - Not enough labor to hire C - Not enough time D - Not enough money to hire labor E - Not enough money to buy equipment	F - Not enough money to buy land G - Demand for product is too low H - Price of product is too low I - Other (record in FA17B)
FA17B (If yes) Open response. Use this space to add details to the answers given above. Probe about why they can't or do not want to borrow the necessary funds. _____ _____ _____	FA17B [xxx]
FA17B Translation _____ _____ _____	FA17B [xxx]
FA18 Enumerator Notes _____ _____ _____ _____	FA18 [xxx]
FA18 Translation _____ _____ _____ _____	
FA19 Stop Time	FA19 []

XIII. Household Business

BA0 Start Time	BA0 []												
BA1 Does anyone in this household own a business or part of a business? (1 - yes, 3 - no. If no, skip to LA0 . Include Shrimp or Fish Farms!)	BA1 []												
BA2 If yes, how many businesses does this household own all or a part of?	BA2 []												
BA3 What type of business does this household own all or a part of? (List up to four. If the household owns more than four businesses, list the four with the highest revenues.) BA3A01 _____ BA3A02 _____ BA3B01 _____ BA3B02 _____ BA3C01 _____ BA3C02 _____ BA3D01 _____ BA3D02 _____	BA3A [] BA3B [] BA3C [] BA3D []												
BA3A01 Translation _____ BA3A02 Translation _____ BA3B01 Translation _____ BA3B02 Translation _____ BA3C01 Translation _____ BA3C02 Translation _____ BA3D01 Translation _____ BA3D02 Translation _____													
<table> <tr> <td>1 - shop</td> <td>13 - shrimp and fish farmer</td> </tr> <tr> <td>3 - mechanic/repair shop</td> <td>15 - pickup rental service</td> </tr> <tr> <td>5 - hair salon/barber</td> <td>17 - trader (specify what is traded)</td> </tr> <tr> <td>7 - rice miller</td> <td>BA3A01</td> </tr> <tr> <td>9 - shrimp farmer</td> <td>19 - restaurant/noodle shop</td> </tr> <tr> <td>11 - fish farmer</td> <td>21 - other (specify) BA3A02</td> </tr> </table>		1 - shop	13 - shrimp and fish farmer	3 - mechanic/repair shop	15 - pickup rental service	5 - hair salon/barber	17 - trader (specify what is traded)	7 - rice miller	BA3A01	9 - shrimp farmer	19 - restaurant/noodle shop	11 - fish farmer	21 - other (specify) BA3A02
1 - shop	13 - shrimp and fish farmer												
3 - mechanic/repair shop	15 - pickup rental service												
5 - hair salon/barber	17 - trader (specify what is traded)												
7 - rice miller	BA3A01												
9 - shrimp farmer	19 - restaurant/noodle shop												
11 - fish farmer	21 - other (specify) BA3A02												

Ask questions BA4 - BA29 for business #1 (recorded in BA3A above).

If the household has more than one business please use the extra business forms.

Ask questions BB4 - BB29 for business #2 (recorded in BA3B above).

Ask questions BC4 - BC29 for business #3 (recorded in BA3C above).

Ask questions BD4 - BD29 for business #4 (recorded in BA3D above).

Household Business #1

BA4 How many years has this business been in existence?	BA4 []
BA5 Where did the idea to start the business come from? 1 - household member 3 - government organization (specify) BA501 5 - non-government organization (specify) BA502 7 - company who sells input	BA5 [] 9 - books 11 - observing someone else 13 - television program 15 - commercial advertisement 17 - other (specify) BA503
BA6 Do you, or members of your household own all of the business? (1 - yes, 3 - no; If yes, skip to BA9)	BA6 []
BA7 What percentage is owned by this household?	BA7 []
BA8 Who else owns this business? (get details about relationship, etc.) _____ _____ _____	BA8 [xxxx]
BA8 Translation _____ _____ _____	BA8 [xxxx]
BA9 How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?	BA9 []
BA10 How many of these people are members of the household?	BA10 []
BA11 During the past 12 months, has this business paid anyone in cash or in kind to work here? (1 - yes, 3 - no, if no skip to BA16)	BA11 []
BA12 How many workers were paid?	BA12 []
BA13 What was the lowest daily wage that you paid to anyone over the past 12 months?	BA13 []
BA14 What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BA16)	BA14 []
BA15 (If lowest and highest wage are not the same) What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid the low wage? How many people are paid the high wage? _____ _____ _____	BA15 [xxxxx]

BA15 Translation	BA15
	[xxxxx]

BA16 What major machinery, equipment, inventory, buildings and other assets are required for the household’s business? (Write the assets in column one of the table below. By “major” we mean assets that cost at least 1000 Baht.)

BA17 How many _____ (ask about the assets identified in **BA16**) does the household own? (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

BA18 How much did this ____ (name asset) cost?

BA19 How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to BA20.) [**See Coding Sheet for Codes**]

BA19A What was the largest source of the money to buy this item?

BA19B How much money came from this source?

BA20 For how many years has the household owned this item?

BA16 Assets	BA17 #	BA18 Cost	BA19 source	BA19A Most important source	BA19B amount	BA20 years
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

BA21 Enumerator Notes	BA21 [xxx]

BA21 Translation	

Additional Start-up Capital

BA22 Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1 - yes, 3 - no. If no skip to BA26)	BA22 []]
BA23 What did you need the additional funding for? _____	BA23 [xxx]

BA23 Translation	BA23 [xxx]

BA24 How much additional funding did you need? (indicate total amount in Baht)	BA24 []]
BA25 How did you get this additional funding (<u>indicate amount in Baht by source</u>)	BA25
1 - cash that had been saved up	[]]
2 - with cash that was raised from selling land or other assets	[]]
3 - credit from store	[]]
4 - funds borrowed from Commercial Bank	[]]
5 - funds borrowed from BAAC	[]]
6 - funds borrowed from Agricultural Cooperative	[]]
7 - funds borrowed from PCG	[]]
8 - funds borrowed from other organization (specify) BA25O1	[]]
9 - funds borrowed from relatives	[]]
10 - funds borrowed from non-relatives	[]]
11 - funds borrowed from moneylender	[]]
12 - gift	[]]
13 - from employer	[]]
14 - other (specify) BA25O2	[]]
BA25O1 _____	BA25O1 Translation _____
BA25O2 _____	BA25O2 Translation _____

Scale of Business

<p>BA26 If you could increase the size of your business do you think it would be more profitable? (1 - yes, 3 – no. If no skip to BA28.)</p>	<p>BA26 []</p>
<p>BA27A (If yes) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business? _____ _____ _____</p>	<p>BA27A [xxx]</p>
<p>BA27A Translation _____ _____ _____</p>	<p>BA27A [xxx]</p>
<p>BA27B Probe about why they can't or do not want to borrow the necessary funds. _____ _____ _____</p>	<p>BA27B [xxx]</p>
<p>BA27B Translation _____ _____ _____</p>	<p>BA27B [xxx]</p>
<p>BA28 Enumerator Notes _____ _____ _____ _____</p>	<p>BA28 [xxx]</p>
<p>BA28 Translation _____ _____ _____ _____</p>	
<p>BA29 Stop Time</p>	<p>BA29 []</p>

XIV. Housing and Landholdings

LA0 Start Time	LA0 []
-----------------------	------------------------

Housing

LA1 Does your household own or rent this house? (1 - rent, 3 - own; <u>if own skip to LA3</u>)	LA1 []
LA2 (<u>renters only</u>) What is the monthly rent?	LA2 []
LA3 If someone wanted to buy a house like yours in this village, how much would they have to pay (for the house and the house plot)?	LA3 []

Landholdings

Now I would like to ask you some questions about your landholdings. I am interested in the land that you cultivate – regardless of whether you own or rent it and also in land that you may own but do not cultivate because it is rented out. Let's start by talking about the land that you cultivate.

Land that the household cultivates

LA4 How many rai did your household cultivate during the past 12 months?	LA4 []
LA5 How many plots does your household cultivate? (<u>write a number for each plot (LA6) in the table below</u>)	LA5 []

(Ask the following questions about each plot and record the answers in the table)

LA7 What type of land is in this plot?

LA8 What claim does the household have to this plot?

LA9 What type of land certificate covers this plot?

LA10 How many rai are in this plot?

LA11 In what year was this plot acquired? (If the household rents, then ask: Since what year have you (or members of this household) been continuously renting this plot)

LA12 How was this plot acquired? (If **LA12** is **NOT = 1**, then skip to **LA14**)
[See Coding Sheet for Codes]

LA13 (if **LA12** = 1) What were the sources of financing for this land purchase? (Record all that apply. [See Coding Sheet for Codes])

LA13A What was the largest source of financing for this land purchase?

LA13B How much money came from this source?

LA14 What is the current value of this plot?

LA15 How many kilometers is it from your house to this plot? (If the plot is right next to the house plot, record 0, otherwise record the actual distance. For distances less than one kilometer, record the distance in 10ths of a kilometer; i.e. .1, .3 etc. For plots in another Changwat, record the approximate distance in kilometers to the plot.)

LA16 In a normal rainfall year, does this plot have access to water in the cold season? (1 - yes, 3 - no)

LA17 In a normal rainfall year, does this plot have access to water in the hot season? (1 - yes, 3 - no)

LA18 How many bags of chemical fertilizer did you use on this plot last year?

LA19 What are the three numbers on the bag of the kind of fertilizer you used most often on this plot last year?

LA19A Is this plot in the tambon? (1 – yes, 3 – no)

LA6 Plot	LA7 land type	LA8 claim	LA9 title	LA10 rai	LA11 year	LA12 how

LA6 Plot	LA13 financed	LA13A source	LA13B amount	LA14 value	LA15 kms	LA16 winter

LA6 Plot	LA17 summer	LA18 fertilizer	LA19 type	LA19A tambon

LA7: Codes for land type

- 1 - residential
- 3 - land for livestock
- 5 - land for paddy
- 7 - land for field crops
- 9 - land for tree crops
- 11 - land for vegetable crops
- 13 - land for shrimp or fish raising
- 15 - other (specify) **LA7O**

LA8 Codes for claim

- 1 - own plot
- 3 - rent plot for money
- 5 - rent plot for portion of harvest
- 7 - pay no rent - plot owned by relatives
- 9 - pay no rent - plot owned by non- relatives
- 11 - pay no rent - plot is on public land/ or land that is not used
- 13 - someone has mortgaged this plot to your household
- 15 - other (specify) **LA8O**

LA9: Codes for Land Title

- 1 - chanod
- 3 - NS3
- 5 - NS3K
- 7 - SK1
- 9 - Saw Paw Kae
- 11 - Sor Tor Kor
- 13 - application for land use
- 15 - economic forest reserve area
- 17 - non-economic forest reserve area
- 19 - other (specify) **LA9O**

LA12: Codes for how land was acquired
[See Coding Sheet for Codes]

LA13: Codes for how land was financed
[See Coding Sheet for Codes]

XIV. Housing and Landholdings, continued

LA20 Enumerator Notes <hr/> <hr/> <hr/> <hr/>	LA20 [xxx]
LA20 Translation <hr/> <hr/> <hr/> <hr/>	
LA21 Besides the land that the household cultivates, does the household own any other land? (1 - yes, 3 - no; if no skip to LA34)	LA21 []
LA22 How many other plots do you own?	LA22 []

(Ask the following questions about each plot and record the answers in the table)

LA24 What type of land is in this plot?

LA25 What type of land certificate covers this plot?

LA26 How many rai are in this plot?

LA27 When was this plot acquired?

LA28 How was this plot acquired?
[See Coding Sheet for Codes]

LA29 (if **LA28** = 1) What were the sources of financing for this land purchase? (Record all that apply. If only one source skip to **LA30**. [See Coding Sheet for Codes])

LA29A What was the largest source of financing?

LA29B How much financing did you get from this source?

LA30 What is the current value of this plot?

LA31 How many kilometers is it from your house to this plot?

LA32 How is the land currently being used?

LA33 Enumerator Notes	LA33 [xxx]

LA33 Translation	

LA23 Plot	LA24 type	LA25 title	LA26 rai	LA27 when	LA28 how	LA29 finance	LA29A source	LA29B amount

LA23 Plot	LA30 value	LA31 kms	LA32 use

LA24: Codes for land type

- 1 - residential
- 3 - land for livestock
- 5 - land for paddy
- 7 - land for field crops
- 9 - land for tree crops
- 11 - land for vegetable crops
- 13 - land for shrimp or fish
- 15 - other (specify) **LA240**

LA25: Codes for Land Title

- 1 - chanod
- 3 - NS3
- 5 - NS3K
- 7 - SK1
- 9 - Saw Paw Kae
- 11 - Sor Tor Kor
- 13 - application for land use
- 15 - economic forest reserve area
- 17 - non-economic forest reserve area
- 19 - rent land, so not applicable
- 21 - other (specify) **LA250**

LA28: Codes for how land was acquired
[See Coding Sheet for Codes]

LA29: Codes for how land was financed
[See Coding Sheet for Codes]

LA32: Codes for how the land is being used

- 1 - house plot
- 3 - rented out for cash
- 5 - rented out for portion of harvest
- 7 - rented out for free to relatives
- 9 - rented out free to non-relatives
- 11 - this plot is mortgaged to someone
- 13 - plot is not being used
- 15 - other (specify) **LA32O**

LA34 In the past 15 years, has the household gotten rid of any land (sold it, lost it because of default, given it to children, mortgaged land, other, 1 - yes, 3 - no; if no skip to LA44)	LA34 []
LA35 How many times did you get rid of land during the past 15 years? (assign a number to each land loss during the past 15 years and record the number in LA36 in the table below)	LA35 []

Please ask the following questions about each loss of land

LA37 How many rai were lost/sold?

LA38 What type of land was lost/sold?

LA39 When did you lose/sell this land?

LA40 How was the land disposed of? (If not 1 or 3 (or 15) skip to **LA42**)

LA41 (If sold or mortgaged) What did you use this money for? (List all that apply.)

LA42 How much money did you receive for the land (if sold or mortgaged)? How much was this land worth at the time you lost it (if other reason for loss)?

LA43 What was the reason for the land loss? (write in answer)

Land lost or sold during the past 15 years

LA36 loss #	LA37 rai	LA38 type	LA39 when lost	LA40 how lost	LA41 proceeds	LA42 Price	LA43 Why?

LA38: Codes for type of land

- 1 - residential
- 3 - land for livestock
- 5 - land for paddy
- 7 - land for field crops
- 9 - land for tree crops
- 11 - land for vegetable crops
- 13 - land for shrimp or fish
- 15 - other (specify) **LA38O**

LA40: Codes for how land was lost

- 1 - sold
- 3 - pawned/mortgaged
- 5 - lost because of default to moneylender
- 7 - lost because of default to commercial bank
- 9 - lost because of default to BAAC
- 11 - lost because of default to Agricultural Coop
- 13 - given to children
- 15 - other (specify) **LA40O**

LA41: Codes for what proceeds of sale were used for

- A - pay off debts
- B - invest in business
- C - buy new land
- D - other (specify) **LA41O**

<p>LA44 Enumerator Notes</p> <hr/> <hr/> <hr/> <hr/>	<p>LA44 [xxx]</p>
<p>LA44 Translation</p> <hr/> <hr/> <hr/> <hr/>	
<p>LA45 Stop Time</p>	<p>LA45 []</p>

XV. Expenditure

Now I would like to ask you some questions about how much your household spends (or consumes) in a typical month.

EX0 Start Time	EX0 []
-----------------------	-------------------------

EX1 During a typical month last year, how much does your household consume/eat/buy of the following items ____ (ask for each item below. Be sure to include home produced items – rice that the household grew themselves, for example!).

EX2 (Interviewer record code for unit)

Codes

1 - kilograms

3 - bags

5 - packs

7 - bottles

9 - other (specify) **EX2O**

EX3 What is the price per unit of this item?

EX4 What is the total value of expenditures/consumption of this item in a typical month of the last year? (Note: This should be equal to **EX1** times **EX3**.)

Item	EX1 Amount	EX2 Unit	EX2 Trans- lation	EX3 Price/ Unit	EX4 Value
1. Rice you grew yourself (including sticky rice!) (milled rice not paddy!)					
2. Rice you bought (including sticky rice) (milled rice not paddy!)					
3. Other grains					
4. Milk and milk products (powdered milk, condensed milk, fresh milk, yogurt, cheese)					
5. Meat (chicken, beef, pork)					
6. Alcoholic Beverages consumed at home					
7. Alcoholic Beverages consumed away from home					
8. Tobacco					
9. Gasoline - (excluding gasoline for business or farm use)					
10. Ceremonies (wedding, monk's ceremony)	NA	NA			

EX5 In the past 12 months, how much has the household spent on house repairs?	EX5 []
EX6 In the past 12 months, how much has the household spent on vehicle (car and motorcycle) repairs?	EX6 []
EX7 In the past 12 months, how much has the household spent on education expenses? (Include all education costs: tuition, books, transportation, uniforms)	EX7 []
EX8 In the past 12 months, how much has the household spent on clothing for all of the household members?	EX8 []
EX9 In the past 12 months, how much has the household spent on food eaten away from home by all household members?	EX9 []
EX10 Enumerator Notes _____ _____ _____ _____	EX10 [xxx]
EX10 Translation _____ _____ _____ _____	
EX11 Stop Time	EX11 []

XVI. Income

Now I would like to ask you some questions about what your household’s income was over the past 12 months.

IN0 Start Time	IN0 []
IN1 (<u>Gross Revenue</u>) What was your household’s total gross income over the past 12 months?	IN1 []

Enumerator

(The goal of this section is to come up with an accurate estimate of the households (include all the household members!) income over the past 12 months AND to get as much detail as possible about the sources of the income. Some respondents will be able to tell you what their gross revenue is and then will be able to break it out by source below. Other respondents will know how much they received by source and need help adding it up to get a total. Do not worry about asking questions IN1 and 4 in order. Your calculators will be helpful!)

(The respondent may need help – try asking about revenues last month, then ask if last month was typical – if it is typical, tell the respondent what 12 times the monthly figure is, see if they agree with the amount – should it be higher or lower? By how much? Keep going until the respondent agrees with your figure. Remember this is supposed to be an estimate of the total gross income of the household – all the people who live and eat in the house for at least 6 months out of the year. Remind the respondent to include the value of home produced and consumed items -- rice, for example. Please use the following table to help you and the respondent figure out what revenues for the past year are – as much as possible fill in the table below, but do not worry about it if you do not figure out everything.

IN2 Has anyone in your household received any of the following payments (ask about each payment in the table below) during the past 12 months? 1 - yes, 3 - no

IN4 (If yes) How much did they receive over the past 12 months? (If the respondent knows revenues sources by broader categories than the ones listed below, use column IN3 to record the category. For example, if revenues for rice farming and other crops are 20,000 Baht, then record 20,000 Baht in column IN4 row A, and in column IN3 record A, E to indicate that the 20,000 Baht is for revenues from rice farming and other crops.)

IN5 Enumerator Notes	IN5 [xxx]
IN5 Translation	

Revenue Source	IN2 any?	IN3 source	IN4 revenue
A. Rice Farming			
B. Corn Farming			
C. Vegetable Farming			
D. Orchard Farming			
E. Other Crop			
F. Raising Shrimp			
G. Raising Fish			
H. Raising Chicken or Ducks			
I. Raising Pigs, Cows or Buffalo			
J. Raising other Livestock			
K. Wages			
L. Salaries			
M. Rice Mill			
N. Store			
O. Mechanic/Repair Shop			
P. Hair Salon/Barber			
Q. Restaurant/Noodle Shop			
R. Trading			
S. Other Business (specify)			
S1			
S2			
T. Payments for Renting Land			
U. Payments for other Rentals			
V. from Selling Land			
W. Government Assistance			
X. Interest on Savings			
Y. Income from Loan Repayments			
Z. Scholarships or Grants			
AA. Income from Roomers and Boarders			
BB. Proceeds from ROSCA			
CC. Remittances from Relatives			
DD. Remittances from Friends			
EE. Government Lottery			

FF. Dividends			
GG. Retirement Compensation			
HH. Gifts			
II. Other Income (specify)			
II1			
II2			
II3			
Total (should equal IN1)	NA	NA	

IN6 (Business/Farm Expenses) Over the past 12 months, what were the total business or farm expenses for the household? (IN10F + IN10S + IN10B)	IN6 []
--	-------------------------

(Again the respondent may need help – included in these expenses should be **ALL** expenses associated with running the family farm and businesses: wages, marketing and transportation, expenses for products, the value of seed, of inputs (fertilizer, feed, etc.), of livestock, other raw materials. As you are helping the respondent to figure out total expenses, please fill in as much of the table below as possible)

IN7F,S,B Has anyone in your household had the following farm/shrimp/business expense (ask about each expense in the table below, and probe for others) during the past 12 months? 1 - yes, 3 - no

IN9F,S,B (If yes) How much did they spend over the past 12 months? (If the respondent knows expenses by broader categories than the ones listed below, use column **IN8F** to record the category. For example, if expenses for seed and fertilizer are 3000 Baht, then record 3000 Baht in column **IN9F** row A, and in column **IN8F** record A, B to indicate that the 3000 Baht is for seed and fertilizer.)

Farm Expenses	IN7F any?	IN8F source	IN9F expense
A. seeds			
B. fertilizers			
C. pesticides/herbicides			
D. wages – all paid labor			
E. meals for laborers			
F. rental cost of all tractors, machinery and equipment			
G. all land rental			
H. fuel for tractors and any other machinery and equipment			
I. maintenance of tractors and other machinery and equipment			
J. purchase of baby or breeding livestock			
K. food for livestock			
L. Other (specify)			
L #1			

L #2			
L #3			
IN10F Total Farm Expense	NA	NA	

Shrimp/Fish Expenses	IN7S any?	IN8S source	IN9S expense
A. wages – all paid labor			
B. meals for laborers			
C. rental cost of all tractors, machinery and equipment			
D. all land rental			
E. fuel for tractors and any other machinery and equipment			
F. maintenance of tractors and other machinery and equipment			
G. cost of baby shrimp/fish			
H. shrimp and fish breeding expenses			
I. shrimp and fish food			
J. chemicals for shrimp/fish ponds			
K sea water for shrimp/fish ponds			
L. Other (specify)			
L #1			
L #2			
L #3			
IN10S Total Shrimp/Fish Expense	NA	NA	

Business Expenses	IN7B any?	IN8B source	IN9B expense
A. wages – all paid labor			
B. meals for laborers			
C. rental cost of all machinery and equipment			
D. all land rental			
E. fuel for machinery and equipment			
F. maintenance of machinery and equipment			
G. cost of inventory			
H. transportation expense			
I. Other (specify)			
I #1			
I #2			
I #3			
I #4			
I #5			
IN10B Total Business Expense	NA	NA	

IN11 (Enumerator calculate) Net Income: IN1 - IN6	IN11 []
IN12 Is “ IN11 ” an accurate estimate of your household’s total net profits over the past 12 months? (1 - yes, 3 - no; if yes, skip to IN14)	IN12 []
IN13 (If no. Enumerator: find out what needs to be revised, and make the necessary adjustments to IN1, IN6, IN4, and IN9F, S and B. Do the necessary calculations and report the revised estimate of net income here.)	IN13 []
IN14 What is your best guess about what the households net profit will be next year?	IN14 []
IN15 If next year is a very good year for your household, what is your best guess of what the households’ net profit will be next year?	IN15 []
IN16 If next year is a very bad year for your household, what is your best guess of what the household’s net profit will be next year?	IN16 []

Enumerator Notes

IN17 Enumerator Notes	IN17 [xxx]

IN17 Translation	

IN18 Stop Time	IN18 []

XVII. Borrowing

Now I would like to ask you some questions about borrowing and lending.

BL0 Start Time	BL0 []
BL1A Do you or members of your household owe money or goods to anyone? For example, to a commercial bank, the BAAC, a PCG, a Rice Bank, the Agricultural Cooperative, a government agency, a moneylender, a friend, a relative or any other individual or institution? Have you pawned/mortgaged land to anyone, sold your crops in advance, gotten goods on credit from a store owner or a supplier of inputs? <u>(include loans of capital or goods for the business or farms belonging to the household. 1 - yes, 3 - no, if no skip to BL2A)</u>	BL1A []
BL1B How many loans <u>(count the number of loans owed, not the number of institutions!)</u> are owed?	BL1B []
BL2A In the past 12 months has any member of your household completely repaid a loan of money or goods? (1 - yes, 3 - no)	BL2A []
BL2B How many loans have been completely repaid during the past 12 months?	BL2B []

(If **BL1A** = 3 and **BL2A** = 3 then skip to **LE0**)

(For each loan owed and each loan completely repaid in the past 12 months ask the following questions. Record all of the loan numbers and the lenders first then for each loan ask **BL3B** - **BL3K**)

BL3A Loan number (record the loan number (from 1 to **BL1B** + **BL2B**) in column one, record all of the loan numbers and who the lender is first)

BL3B Who did you borrow from?

BL3C In what month and year did you borrow the money?

BL3D Has this loan been fully repaid? (1 - yes, 3 - no)

BL3E How much money or goods (if goods, record value) was borrowed?

BL3F (If the loan has been fully repaid) how much money or goods (if goods, record value) did you have to pay back?

(If the loan has not been fully repaid) How much money or goods will you have to pay back in total (including payments that have already been made)?

BL3G How long is the loan for? (record the answer in months – i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)

BL3H Why was this money borrowed? (record all that apply)

BL3I What did the household offer as collateral for this loan? (If code is not 3 - 11 then skip to **BL3K**)

BL3J (If the household used collateral) What was the value of the collateral at the time you got this loan?

BL3K If you could not repay this lender or if this lender had to take your collateral or if your cosigners had to repay the loan for you, what would be the consequences for you (the borrower)?

Enumerator Notes

BL4 Enumerator Notes	BL4 [xxx]
<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/>	
BL4 Translation	
<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/>	
BL3L Stop Time	BL3L []

BL3A Loan #	BL3B from	BL3C month/year	BL3D repaid	BL3E borrowed	BL3F pay back
1					
2					
3					
4					
5					
6					
BL3A Loan #	BL3G months	BL3H why	BL3I collateral	BL3J value	BL3K default
1					
2					
3					
4					
5					
6					

BL3B: Codes for Borrowed from

- 1 - neighbor
- 3 - relative
- 5 - BAAC
- 7 - PCG
- 9 - Commercial Bank
- 11 - Agricultural Cooperative
- 13 - Village Fund
- 15 - Rice Bank
- 17 - moneylender
- 19 - store owner
- 21 - supplier of inputs
- 23 - landlord
- 25 - purchaser of output
- 27 - other (specify) **BL3BO**

BL3H: Codes for why borrowed

- A - walking tractor
- B - fertilizer, pesticide, herbicide, seed
- C - livestock
- D - other farm equipment
- E - business investment - specify (**BL3HO1**)
- F - buy land
- G - build/buy house
- H - to relend to others
- I - for ceremony
- J - consumption
- K - to buy motorcycle
- L - to buy pick up truck or car
- M - to buy television, VCR, air conditioner, stove or other household asset
- N - educational expenses
- O - other - specify (**BL3HO2**)

BL3I: Codes for collateral

- 1 - no collateral required
- 3 - land title - borrower uses land
- 5 - land title - lender uses land
- 7 - used savings to guarantee loan
- 9 - used future crop to guarantee loan
- 11 - other collateral
- 13 - single guarantor
- 15 - multiple guarantors
- 17 - other, specify **BL3IO**

BL3K: Codes for consequences of default

- 1 - none
- 3 - not able to borrow again from this lender
- 5 - not able to borrow again from this lender and others
- 7 - other (specify) **BL3KO**

XVIII. Lending

LE0 Start Time	LE0 []
LE1A Does anyone currently owe money or goods to you or members of your household? For example, loans to friends, neighbors, relatives, or business partners that have not yet been repaid, someone has pawned/mortgaged their land to you? (1 - yes, 3 - no)	LE1A []
LE1B How many loans are owed to members of this household?	LE1B []
LE2A In the past 12 months has any one fully repaid a loan to you or members of your household? (1 - yes, 3 - no)	LE2A []
LE2B How many loans have been fully repaid during the past 12 months?	LE2B []

(If **LE1A** = 3 and **LE2A** = 3 then skip to **LE5**)

(For each loan owed and each loan completely repaid in the past 12 months ask the following questions. Record all of the loan numbers and the borrowers first then for each loan ask **LE3B1 - LE3I**)

LE3A Loan number (record the loan number (from 1 to **LE1B** + **LE2B**) in column one, record all of the loan numbers and who the lender is first)

LE3B Who did you loan money to?

LE3C In what month and year did you loan the money?

LE3D Has this loan been fully repaid? (1 - yes, 3 - no)

LE3E How much money or goods (if goods, record value) was loaned?

LE3F (If the loan has been fully repaid) how much money or goods (if goods, record value) were repaid?

(If the loan has not been fully repaid) How much money or goods will have to be repaid in total, including payments that have already been made?

LE3G How long is the loan for? (record the answer in months – i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)

LE3H Why was this money borrowed? (record all that apply)

LE3I What was offered as collateral for this loan?

(If code is not 3-11 then skip to **LE3K**)

LE3J (If the borrower used collateral) What was the value of the collateral at the time of the loan?

LE3K If this borrower did not repay the loan or if you had to take the borrower's collateral or make one of the cosigners had to repay the loan, what would be the consequences for the borrower?

Enumerator Notes

LE4 Enumerator Notes	LE4 [xxx]
<hr/> <hr/> <hr/> <hr/>	
LE4 Translation	
<hr/> <hr/> <hr/> <hr/>	

LE3A Loan #	LE3B borrower	LE3C month/year	LE3D repaid	LE3E loaned	LE3F pay back
1					
2					
3					
4					
5					
6					
7					
LE3A Loan #	LE3G months	LE3H why	LE3I collateral	LE3J value	LE3K default
1					
2					
3					
4					
5					
6					
7					

LE3B: Codes for Borrower

- 1 - non-relative in the village
- 3 - non-relative out of the village
- 5 - relative in the village
- 7 - relative out of the village
- 9 - business partner
- 11 - other (specify) **LE3BO**

LE3H: Codes for why borrowed

- A - walking tractor
- B - fertilizer, pesticide, herbicide, seed
- C - livestock
- D - other farm equipment
- E - business investment (specify) **LE3HO1**
- F - buy land
- G - build/buy house
- H - to relend to others
- I - for ceremony
- J - consumption
- K - to buy motorcycle
- L - to buy pick up truck or car
- M - to buy television, VCR, air conditioner, stove or other household asset
- N - educational expenses
- O - other - specify (**LE3HO2**)

LE3I: Codes for collateral

- 1 - no collateral required
- 3 - land title - borrower uses land
- 5 - land title - lender uses land
- 7 - used savings to guarantee loan
- 9 - used future crop to guarantee loan
- 11 - other collateral
- 13 - single guarantor
- 15 - multiple guarantors
- 17 - other, specify **LE3IO**

LE3K: Codes for consequences of default

- 1 - none
- 3 - not able to borrow again from this lender
- 5 - not able to borrow again from this lender and others
- 7 - other (specify) **LE3KO**

<p>LE5 Have you (or anyone else in your household) turned anyone down who has asked for a loan in the past 12 months? 1 - yes, someone asked for a loan and they were turned down 3 - no, someone asked for a loan and they were not turned down 5 - no, no one asked for a loan from me or anyone else in my household in the past 12 months</p>	<p>LE5 []</p>
<p>LE6 If yes, who did you turn down and why? _____ _____ _____ _____</p>	<p>LE6 [xxx]</p>
<p>LE6 Translation _____ _____ _____ _____</p>	<p>LE6 [xxx]</p>
<p>LE7 Stop Time</p>	<p>LE7 []</p>

XIX. Savings

SA0 Start Time	SA0 []
-----------------------	------------------------

SA1 Do you or members of your household have any of the following kinds of savings? (1 - yes, 3 - no. Ask about list below, also probe for other types of savings)

SA2 What is the most important source of this savings? (record only one answer)

- 1 - saving up small amounts for a long time
- 3 - from selling land
- 5 - from selling other assets
- 7 - from inheritance
- 9 - profits from business
- 11 - from selling agricultural product
- 13 - from salary or wages
- 15- lottery winnings
- 17 - other, specify **SA2O**

SA3 How many times did you make deposits with this institution in the past 12 months?

SA4 How much have you deposited in the past 12 months?

SA5 How many times have you withdrawn money from your savings with this institution during the past 12 months? (do not include loans)

SA6 How much have you withdrawn over the past 12 months?

SA7 What amount do you have saved as of today? (don't ask about gold and cash)
for rice: what is the current value (if you were to sell it)?

	SA1 have	SA2 source	SA3 times	SA4 deposit	SA5 times	SA6 withdraw	SA7 amount
1. Commercial Bank							
2. Agricultural Cooperative							
3. Bank Account at BAAC							
4. PCG Account							
5. Rice Bank							
6. Gold, Jewelry			NA	NA	NA	NA	NA
7. Cash			NA	NA	NA	NA	NA
8. Other Savings, specify							
9. Rice in Storage		NA	NA	NA	NA	NA	

<p>SA8 What is the most important reason that you save? (<u>record only one answer</u>)</p> <p>A - provide for old age B - to leave as a bequest for children C - to buy farm equipment D - to buy motorcycle, car or pick-up truck E - to buy TV, VCR, air conditioner or other household asset</p>	<p>SA8 []</p> <p>F - to pay for children's educational expenses G - to rebuild house, or to buy new house H - invest in existing business I - invest in new business J - use in case of emergency K - other, specify SA8O</p>
<p>SA9 Enumerator Notes</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>SA9 [xxx]</p>
<p>SA9 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>SA10 Stop Time</p>	<p>SA10 []</p>

XX. General Questions

GQ0 Start Time	GQ0 []
GQ1 What is your opinion on being a member or customer of more than one lending organization at a time? _____ _____ _____	GQ1 [xxx]
GQ1 Translation _____ _____ _____	GQ1 [xxx]
GQ2A Have you ever repaid one loan using a loan from another source? (1 - yes, 3 - no)	GQ2A []
GQ2B (If yes) Why, what were the circumstances? _____ _____ _____	GQ2B [xxx]
GQ2B Translation _____ _____ _____	GQ2B [xxx]
GQ3A Have you ever repaid a loan late or made a late loan payment? (1 - yes, 3 - no)	GQ3A []
GQ3B (If yes) Why, what were the circumstances? _____ _____ _____	GQ3B [xxx]
GQ3B Translation _____ _____ _____	GQ3B [xxx]
GQ4A Have you ever missed a savings deposit or made a savings deposit late to a pledge savings account? (1 - yes, 3 - no)	GQ4A []
GQ4B (If yes) Why, what were the circumstances? _____ _____ _____	GQ4B [xxx]
GQ4B Translation _____ _____ _____	GQ4B [xxx]

<p>GQ5A Have you ever had a loan that was guaranteed by cosigners where the cosigners had to pay all or part of what you owed? (1 - yes, 3 - no)</p>	<p>GQ5A []</p>
<p>GQ5B (If yes) Why, what were the circumstances? _____ _____ _____</p>	<p>GQ5B [xxx]</p>
<p>GQ5B Translation _____ _____ _____</p>	<p>GQ5B [xxx]</p>
<p>GQ6A Have you ever had a loan that was guaranteed by collateral where you had to forfeit your collateral because you could not repay the loan? (1 - yes, 3 - no)</p>	<p>GQ6A []</p>
<p>GQ6B (If yes) Why, what were the circumstances? _____ _____ _____</p>	<p>GQ6B [xxx]</p>
<p>GQ6B Translation _____ _____ _____</p>	<p>GQ6B [xxx]</p>
<p>GQ7A Have you ever loaned someone money and then had to take their collateral, get someone else to pay what they owe, or just not been able to get repaid? (1 - yes, 3 - no; if no skip to GQ15)</p>	<p>GQ7A []</p>
<p>GQ7B (If yes) Why, what were the circumstances? _____ _____ _____</p>	<p>GQ7B [xxx]</p>
<p>GQ7B Translation _____ _____ _____</p>	<p>GQ7B [xxx]</p>
<p>GQ7C Have ever loaned money to that person again? (1 - yes, 3 - no)</p>	<p>GQ7C []</p>

GQ8 Enumerator Notes <hr/> <hr/> <hr/> <hr/>	GQ8 [xxx]
GQ8 Translation <hr/> <hr/> <hr/> <hr/>	
GQ9 Stop Time	GQ9 []

XXI. Hypothetical Situation

(Do not read the codes to the respondent, ask follow up questions so that you can code their response as accurately as possible.)

HS0 Start Time	HS0 []
HS1 Suppose you encounter an unavoidable emergency and you needed 2,000 B right away. How would you get the 2,000 B?	HS1 []
HS1O (if other) _____	HS1O Translation _____
HS2 If that source wasn't available what would you do?	HS2 []
HS2O (if other) _____	HS2O Translation _____
HS3 If that source wasn't available what would you do?	HS3 []
HS3O (if other) _____	HS3O Translation _____
HS4 Suppose you encounter an unavoidable emergency and you needed 20,000 B right away. How would you get the 20,000 B?	HS4 []
HS4O (if other) _____	HS4O Translation _____
HS5 If that source wasn't available what would you do?	HS5 []
HS5O (if other) _____	HS5O Translation _____
HS6 If that source wasn't available what would you do?	HS6 []
HS6O (if other) _____	HS6O Translation _____
HS7 Enumerator Notes	HS7 [xxx]
_____ _____ _____ _____	
HS7 Translation	
_____ _____ _____ _____	
HS8 Stop Time	HS8 []

XXI. Hypothetical Situation, continued

Codes: HS1, HS2, HS3, HS4, HS5, HS6

- 1 - use savings
- 3 - sell land
- 5 - mortgage land
- 7 - sell equipment
- 9 - sell livestock
- 11 - sell jewelry/gold
- 13 - sell car
- 15 - sell motorcycle
- 17 - sell other assets
- 19 - get help from the temple
- 21 - use welfare card
- 23 - borrow from money lender in the village
- 25 - borrow from money lender outside the village
- 27 - borrow from one relative in village
- 29 - borrow from one relative out of village
- 31 - borrow from many relatives in the village
- 33 - borrow from many relatives outside the village
- 35 - borrow from many relatives in and out of the village
- 37 - borrow from one non-relative in the village
- 39 - borrow from one non-relative out of the village
- 41 - borrow from many non-relatives in the village
- 43 - borrow from many non-relatives outside of the village
- 45 - borrow from many non-relatives in and out of the village
- 47 - borrow from many people – relatives and non-relatives in the village
- 49 - borrow from many people - relatives and non-relatives outside the village
- 51 - borrow from many people - relatives and non-relatives in and out of the village
- 53 - have someone else borrow on your behalf
- 55 - borrow from PCG
- 57 - borrow from Agricultural Cooperative
- 59 - borrow from housewife's group
- 61 - borrow from BAAC group members
- 63 - borrow from doctor
- 65 - borrow from bank
- 67 – sell rice
- 69 - other (specify)

XXII. Institutions and Organizations

IO0 Start Time	IO0 []
-----------------------	-------------------------

IO1 Is anyone in your household currently a member or a customer of ____? (1 - yes, 3 - no)

IO2 (Ask if **IO1** = 3) Has anyone in your household ever been a member or a customer of _____, but is not currently? (1 - yes, 3 - no)

IO3 (Ask if **IO1** or **IO2** is 1) When did you join (or become a customer) of this organization?

IO4 (Ask if **IO2** is 1) When did you stop being a member (or a customer) of this organization?

IO5 (Ask if **IO2** is 1) Why did you stop being a member (or a customer) of this organization? (record all that apply)

A - institution closed

B - repaid loan

C - could not save any more, needed money for household expenses

D - too old

E - not enough time to participate

F - household welfare improved

G - household welfare declined

H - other (specify) **IO50**

IO6 (Ask if **IO1** or **IO2** is 1) How many times have you borrowed from this organization?

IO7 (Ask if **IO1** and **IO2** are 3)

If one of your neighbors asked you to join this institution, would you or members of your household want to become a member/customer?

1 - yes, 3 - not sure, 5 - no, 7 - don't have one in the village

IO8 (Ask if **IO7** is 1 or 5)

(If yes - **IO7** is 1) What is your main reason for wanting to join (or become a member of this organization?

(If no - **IO7** is 5) What is your main reason for not becoming a member (or a customer) of this organization?

1 - not enough time

3 - don't have extra money to save

5 - too old

7 - other organizations do a better job of providing the services of this organization

9 - members should be wealthy

- 11 - members should be poor
- 13 - to get the opportunity to save
- 15 - to get the opportunity to borrow
- 17 - not necessary – already have plenty of cash and credit
- 19 other (specify) **IO8**

	Institution	IO1 member now	IO2 ever member	IO3 when join	IO4 when quit	IO5 why quit	IO6 times borrow	IO7 join	IO8 why
1	Rice Bank								
2	Buffalo Bank								
3	PCG								
4	BAAC								
5	BAAC Group								
6	Agricultural Cooperative								
7	Women's Group								
8	Emergency Fund								
9	Health Fund								
10	Commercial Bank								
11	Gov't Savings Bank								
12	Insurance Company								
13	Finance Company								
14	Money-lender								
15	ROSCA								
16	other (specify)								
17									
18									
19									

This is the end of the interview. Thank you very much for your time and cooperation. We very much appreciate it. Your answers will be studied along with many others to learn more about Thailand's development and to help design more effective institutions to help villagers.

<p>IO9 Do you have any additional comments or observations?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>IO9 [xxxx]</p>
<p>IO9 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>IO9 [xxxx]</p>
<p>IO10 Enumerator Comments</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>IO10 [xxxx]</p>
<p>IO10 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>IO10 [xxxx]</p>
<p>IO11 Stop Time</p>	<p>IO11 []</p>

END OF THAI QUESTIONNAIRE Portion

Frequently Used Codes

Occupation: OC1A, OC2A, OH2A, OH3A, OH4A, KH6, PW1

- 0 - no prior occupation
- 1 - inactive (or no secondary occupation)
- 3 - in school
- 5 - rice farmer
- 7 - corn farmer
- 9 - shrimp farmer
- 11 - raise fish other than shrimp
- 13 - orchard farmer
- 15 - farmer growing a different crop
- 17 - raise livestock: chicken or duck
- 19 - raise livestock: pig, cow or water buffalo
- 21 - construction work in village
- 23 - construction work out of village but in Changwat
- 27 - construction work in another Changwat, not Bangkok
- 29 - construction work in Bangkok
- 31 - rice miller
- 33 - shop keeper (thai says store owner)
- 35 - factory worker
- 37 - mechanic
- 39 - clerical worker
- 41 - administrative or managerial job
- 43 - nurse
- 45 - teacher
- 47 - policeman
- 49 - government official
- 51 - accountant
- 53 - electrician
- 55 - cleaner or janitor
- 57 - trader (in Thai can only be male)
- 59 - other (specify) **OC1AO, etc.**

Worker Type: OC1B, OC2B, KH7

- 1 - owner of business
- 3 - unpaid family worker
- 5 - employee - daily wages
- 7 - employee - monthly wages
- 9 - employee - piece rate, in house
- 11 - employee - piece rate, out of house
- 13 - government worker
- 15 - other (specify) **OC1BO, OC2BO, KH7O**

Village Positions: OC3, PW3

- A - no positions
- B - headman
- C - assistant headman
- D - kamnan
- E - assistant kamnan
- F - PCG committee member
- G - Rice Bank committee member
- H - head of BAAC group
- I - member of women's group committee
- J - member of housewife's group committee
- K - member of village committee
- L - member of tambon committee
- M - member of Marketing Demonstration Center committee
- N - health volunteer
- O - other (specify) **OC3O, PW3O**

Where Money Came From/ Sources of Funds: HA4, FA6, FA13, BA19, LA13, LA29

- A - with cash that had been saved up
- B - with cash that was raised from selling land
- C - with cash that was raised from selling livestock or other assets
- D - with cash from selling product
- E - on credit from store
- F - with funds borrowed from Commercial Bank
- G - with funds borrowed from BAAC
- H - with funds borrowed from Agricultural Cooperative
- I - with funds borrowed from PCG
- J - with funds borrowed from other organization (specify) **HA4O1, etc.**
- K - with funds borrowed from relatives
- L - with funds borrowed from non-relatives
- M - with funds borrowed from moneylender
- N - with cash from inheritance
- O - gift
- P - from employer
- Q - other (specify), **HA4O2, etc.**

How Land Was Acquired: LA12, LA28

- 1 - purchased
- 3 - inherited
- 5 - cleared
- 7 - land reform program
- 9 - rented land
- 11 - from a relative
- 13 - other (specify) **LA12O, LA28O**

How Land Was Acquired: PW5

A - purchased

B - inherited

C - cleared

D - land reform program

E - rented land

F - from a relative

G - other (specify) **PW5**

1997 Household Questionnaire: Extra Business Forms

XIII. Household Business #2

<p>BB4 How many years has this business been in existence?</p>	<p>BB4 []</p>
<p>BB5 Where did the idea to start the business come from?</p> <p>1 - household member 3 - government organization (specify) BB5O1 5 - non-government organization (specify) BB5O2 7 - company who sells input</p> <p>9 - books 11 - observing someone else 13 - television program 15 - commercial advertisement 17 - other (specify) BB5O3</p>	<p>BB5 []</p>
<p>BB6 Do you, or members of your household own all of the business? (1 - yes, 3 - no; If yes, skip to BB9)</p>	<p>BB6 []</p>
<p>BB7 What percentage is owned by this household?</p>	<p>BB7 []</p>
<p>BB8 Who else owns this business? (get details about relationship, etc.)</p> <p>_____</p> <p>_____</p>	<p>BB8 [xxxx]</p>
<p>BB8 Translation</p> <p>_____</p> <p>_____</p>	<p>BB8 [xxxx]</p>
<p>BB9 How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?</p>	<p>BB9 []</p>
<p>BB10 How many of these people are members of the household?</p>	<p>BB10 []</p>
<p>BB11 During the past 12 months, has this business paid anyone in cash or in kind to work here? (1 - yes, 3 - no, if no skip to BB16)</p>	<p>BB11 []</p>
<p>BB12 How many workers were paid?</p>	<p>BB12 []</p>
<p>BB13 What was the lowest daily wage that you paid to anyone over the past 12 months?</p>	<p>BB13 []</p>
<p>BB14 What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BB16)</p>	<p>BB14 []</p>

<p>BB15 (If lowest and highest wage are not the same) What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid the low wage? How many people are paid the high wage?</p> <p>_____</p> <p>_____</p>	<p>BB15 [xxxxx]</p>
<p>BB15 Translation</p> <p>_____</p> <p>_____</p>	<p>BB15 [xxxxx]</p>

BB16 What major machinery, equipment, inventory, buildings and other assets are required for the household’s business? (Write the assets in column one of the table below. By “major” we mean assets that cost at least 1000 Baht.)

BB17 How many _____ (ask about the assets identified in **BB16**) does the household own? (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

BB18 How much did this ____ (name asset) cost?

BB19 What was the largest source of money used to buy this item?

[See Coding Sheet for Codes]

BB20 For how many years has the household owned this item?

BB16 Assets	BB17 How Many?	BB18 Cost?	BB19 Money from?	BB20 years?
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

BB21 Enumerator Notes <hr/> <hr/> <hr/>	BB21 [xxx]
BB21 Translation <hr/> <hr/> <hr/>	

Additional Start-up Capital

BB22 Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1 - yes, 3 - no. If no skip to BB26) BB23 What did you need the additional funding for? _____ <hr/>	BB22 [] BB23 [xxx]
BB23 Translation <hr/>	BB23 [xxx]
BB24 How much additional funding did you need? (indicate total amount in Baht) BB25 How did you get this additional funding (indicate amount in Baht by source) 1 - cash that had been saved up 2 - with cash that was raised from selling land or other assets 3 - credit from store 4 - funds borrowed from Commercial Bank 5 - funds borrowed from BBAC 6 - funds borrowed from Agricultural Cooperative 7 - funds borrowed from PCG 8 - funds borrowed from other organization (specify) BB25O1 9 - funds borrowed from relatives 10 - funds borrowed from non-relatives 11 - funds borrowed from moneylender 12 - gift 13 - from employer 14 - other (specify) BB25O2	BB24 [] BB25 [] [] [] [] [] [] [] [] [] [] [] [] []
BB25O1 _____ BB25O2 _____	BB25O1 Translation _____ BB25O2 Translation _____

Scale of Business

<p>BB26 If you could increase the size of your business do you think it would be more profitable? (1 - yes, 3 - no)</p>	<p>BB26 []]</p>
<p>BB27 (If yes) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business? _____ _____ _____</p>	<p>BB27 [xxx]</p>
<p>BB27 Translation _____ _____ _____</p>	<p>BB27 [xxx]</p>
<p>BB28 Enumerator Notes _____ _____ _____ _____</p>	<p>BB28 [xxx]</p>
<p>BB28 Translation _____ _____ _____</p>	
<p>BB29 Stop Time</p>	<p>BB29 []]</p>

XIII. Household Business #3

<p>BC4 How many years has this business been in existence?</p>	<p>BC4 []</p>
<p>BC5 Where did the idea to start the business come from?</p> <p>1 - household member 3 - government organization (specify) BC501 5 - non-government organization (specify) BC502 7 - company who sells input</p> <p>9 - books 11 - observing someone else 13 - television program 15 - commercial advertisement 17 - other (specify) BC503</p>	<p>BC5 []</p>
<p>BC6 Do you, or members of your household own all of the business? (1 - yes, 3 - no; If yes, skip to BC9)</p>	<p>BC6 []</p>
<p>BC7 What percentage is owned by this household?</p>	<p>BC7 []</p>
<p>BC8 Who else owns this business? (get details about relationship, etc.)</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>BC8 [xxxx]</p>
<p>BC8 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>BC8 [xxxx]</p>
<p>BC9 How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?</p>	<p>BC9 []</p>
<p>BC10 How many of these people are members of the household?</p>	<p>BC10 []</p>
<p>BC11 During the past 12 months, has this business paid anyone in cash or in kind to work here? (1 - yes, 3 - no, if no skip to BC16)</p>	<p>BC11 []</p>
<p>BC12 How many workers were paid?</p>	<p>BC12 []</p>
<p>BC13 What was the lowest daily wage that you paid to anyone over the past 12 months?</p>	<p>BC13 []</p>
<p>BC14 What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BC16)</p>	<p>BC14 []</p>

<p>BC15 (If lowest and highest wage are not the same) What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid the low wage? How many people are paid the high wage?</p> <p>_____</p> <p>_____</p>	<p>BC15 [xxxxx]</p>
<p>BC15 Translation</p> <p>_____</p> <p>_____</p>	<p>BC15 [xxxxx]</p>

BC16 What major machinery, equipment, inventory, buildings and other assets are required for the household’s business? (Write the assets in column one of the table below. By “major” we mean assets that cost at least 1000 Baht.)

BC17 How many _____ (ask about the assets identified in **BC16**) does the household own? (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

BC18 How much did this ___ (name asset) cost?

BC19 What was the largest source of money used to buy this item?

[See Coding Sheet for Codes]

BC20 For how many years has the household owned this item?

BC16 Assets	BC17 How Many?	BC18 Cost?	BC19 Money from?	BC20 years?
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

BC21 Enumerator Notes	BC21
------------------------------	-------------

<hr/> <hr/> <hr/> <hr/> <hr/>	[xxx]
BC21 Translation	
<hr/> <hr/> <hr/> <hr/>	

Additional Start-up Capital

BC22 Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1 - yes, 3 - no. If no skip to BC26) BC23 What did you need the additional funding for? _____ _____	BC22 []		
BC23 Translation	BC23 [xxx]		
BC24 How much additional funding did you need? (indicate total amount in Baht) BC25 How did you get this additional funding (<u>indicate amount in Baht by source</u>) 1 - cash that had been saved up 2 - with cash that was raised from selling land or other assets 3 - credit from store 4 - funds borrowed from Commercial Bank 5 - funds borrowed from BCAC 6 - funds borrowed from Agricultural Cooperative 7 - funds borrowed from PCG 8 - funds borrowed from other organization (specify) BC2501 9 - funds borrowed from relatives 10 - funds borrowed from non-relatives 11 - funds borrowed from moneylender 12 - gift 13 - from employer 14 - other (specify) BC2502	BC24 [] BC25 [] [] [] [] [] [] [] [] [] [] [] [] []		
BC2501 _____ BC2502 _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">BC2501 Translation _____</td> </tr> <tr> <td style="padding: 2px;">BC2502 Translation _____</td> </tr> </table>	BC2501 Translation _____	BC2502 Translation _____
BC2501 Translation _____			
BC2502 Translation _____			

Scale of Business

<p>BC26 If you could increase the size of your business do you think it would be more profitable? (1 - yes, 3 - no)</p>	<p>BC26 []]</p>
<p>BC27 (If yes) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business? _____ _____ _____</p>	<p>BC27 [xxx]</p>
<p>BC27 Translation _____ _____ _____</p>	<p>BC27 [xxx]</p>
<p>BC28 Enumerator Notes _____ _____ _____ _____</p>	<p>BC28 [xxx]</p>
<p>BC28 Translation _____ _____ _____</p>	
<p>BC29 Stop Time</p>	<p>BC29 []]</p>

XIII. Household Business #4

<p>BD4 How many years has this business been in existence?</p>	<p>BD4 []</p>
<p>BD5 Where did the idea to start the business come from?</p> <p>1 - household member 3 - government organization (specify) BD5O1 5 - non-government organization (specify) BD5O2 7 - company who sells input BD6</p> <p>9 - books 11 - observing someone else 13 - television program 15 - commercial advertisement 17 - other (specify) BD5O3</p>	<p>BD5 []</p>
<p>BD6 Do you, or members of your household own all of the business? (1 - yes, 3 - no; If yes, skip to BD9)</p>	<p>BD6 []</p>
<p>BD7 What percentage is owned by this household?</p>	<p>BD7 []</p>
<p>BD8 Who else owns this business? (get details about relationship, etc.)</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>BD8 [xxxx]</p>
<p>BD8 Translation</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>BD8 [xxxx]</p>
<p>BD9 How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not?</p>	<p>BD9 []</p>
<p>BD10 How many of these people are members of the household?</p>	<p>BD10 []</p>
<p>BD11 During the past 12 months, has this business paid anyone in cash or in kind to work here? (1 - yes, 3 - no, if no skip to BD16)</p>	<p>BD11 []</p>
<p>BD12 How many workers were paid?</p>	<p>BD12 []</p>
<p>BD13 What was the lowest daily wage that you paid to anyone over the past 12 months?</p>	<p>BD13 []</p>
<p>BD14 What was the highest daily wage that you paid to anyone over the past 12 months? (If lowest and highest wage are the same, go to BD16)</p>	<p>BD14 []</p>

<p>BD15 (If lowest and highest wage are not the same) What determines who gets paid what? What are the characteristics (skills, age, education, experience) of the high and low wage workers? How many people are paid the low wage? How many people are paid the high wage?</p> <p>_____</p> <p>_____</p>	<p>BD15 [xxxxx]</p>
<p>BD15 Translation</p> <p>_____</p> <p>_____</p>	<p>BD15 [xxxxx]</p>

BD16 What major machinery, equipment, inventory, buildings and other assets are required for the household’s business? (Write the assets in column one of the table below. By “major” we mean assets that cost at least 1000 Baht.)

BD17 How many _____ (ask about the assets identified in **BD16**) does the household own? (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)

BD18 How much did this ___ (name asset) cost?

BD19 What was the largest source of money used to buy this item?

[See Coding Sheet for Codes]

BD20 For how many years has the household owned this item?

BD16 Assets	BD17 How Many?	BD18 Cost?	BD19 Money from?	BD20 years?
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

BD21 Enumerator Notes	BD21
------------------------------	-------------

_____	[xxx]

BD21 Translation	

Additional Start-up Capital

BD22 Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1 - yes, 3 - no. If no skip to BD26)	BD22 []
BD23 What did you need the additional funding for? _____	BD23 [xxx]
BD23 Translation	BD23 [xxx]
BD24 How much additional funding did you need? (indicate total amount in Baht)	BD24 []
BD25 How did you get this additional funding (indicate amount in Baht by source)	BD25
1 - cash that had been saved up	[]
2 - with cash that was raised from selling land or other assets	[]
3 - credit from store	[]
4 - funds borrowed from Commercial Bank	[]
5 - funds borrowed from BDAC	[]
6 - funds borrowed from Agricultural Cooperative	[]
7 - funds borrowed from PCG	[]
8 - funds borrowed from other organization (specify) BD25O1	[]
9 - funds borrowed from relatives	[]
10 - funds borrowed from non-relatives	[]
11 - funds borrowed from moneylender	[]
12 - gift	[]
13 - from employer	[]
14 - other (specify) BD25O2	[]
BD25O1 _____	BD25O1 Translation _____
BD25O2 _____	BD25O2 Translation _____

Scale of Business

<p>BD26 If you could increase the size of your business do you think it would be more profitable? (1 - yes, 3 - no)</p>	<p>BD26 []</p>
<p>BD27 (If yes) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business? _____ _____ _____</p>	<p>BD27 [xxx]</p>
<p>BD27 Translation _____ _____</p>	<p>BD27 [xxx]</p>
<p>BD28 Enumerator Notes _____ _____ _____</p>	<p>BD28 [xxx]</p>
<p>BD28 Translation _____ _____ _____</p>	
<p>BD29 Stop Time</p>	<p>BD29 []</p>

Appendix B: Initial Papers and Publications

Updated May 2005

(Source: <http://cier.uchicago.edu>)

- Ahlin, Christian and Robert M. Townsend. "Using Repayment Data to Test Across Models of Joint Liability Lending," Working Paper, January 2005.
- Ahlin, Christian and Robert M. Townsend. "Determinants of the Prevalence of Cooperative Borrowing," Working Paper, June 2002.
- Alem, Mauro and Robert M. Townsend, "An Evaluation of Safety Nets and Financial Institutions in Crisis and Growth," Working Paper, August 2004.
- Binford, Michael, Tae Jeong Lee and Robert M. Townsend, "Sampling design for an integrated socioeconomic and ecological survey by using satellite remote sensing and ordination," *Proceedings of the National Academy of Science* (PNAS) August 3, 2004, Vol. 101 (31), pp. 11517–11522.
- Felkner, John S. and Robert M. Townsend, "The Wealth of Villages: An Application of GIS and Spatial Statistics to Two Structural Economic Models," Working Paper, November 2004.
- Giné, Xavier, "Access to Capital in Rural Thailand: An Estimated Model of Formal vs. Informal Credit," Ph.D. Dissertation, August 2001.
- Giné, Xavier and Robert M. Townsend, "Evaluation of Financial Liberalization: A General Equilibrium Model With Constrained Occupation Choice," *Journal of Development Economics*, 74 (2004), pp. 269-307.
- Jeong, Hyeok and Robert M. Townsend, "Discovering the Sources of TFP Growth: Occupational Choice and Financial Deepening," Working Paper, January 2005.
- Jeong, Hyeok and Robert M. Townsend, "Growth and Inequality: Model Evaluation Based on an Estimation-Calibration Strategy," Working Paper, September 2003.
- Kaboski, Joseph P. and Robert M. Townsend, "Policies and Impact: An Evaluation of Village-Level Microfinance Institutions." *Journal of the European Economic Association*, March 2005, 3 (1), pp. 1-50.
- Karaivanov, Alexander, "Incomplete Financial Markets and Occupational Choice: Evidence from Thai Villages," Working Paper, March 2005.
- Paulson, Anna L., "Insurance Motives for Migration: Evidence from Thailand," Ph.D. Dissertation, March 2000.
- Paulson, Anna L. and Robert M. Townsend. "Entrepreneurship and Financial Constraints in Thailand," *Journal of Corporate Finance*, 10 (2004), pp. 229-262.
- Paulson, Anna P., Robert M. Townsend and Alex Karaivanov, "Distinguishing Limited Liability from Moral Hazard in a Model of Entrepreneurship," Working Paper, April 2005.
- Samphantharak, Krislert, and Robert M. Townsend, "Households as Corporate Firms," Working paper April 2005.
- Townsend, Robert M. and Jacob Yaron. "The Credit Risk Contingency System of an Asian Development Bank." *Economic Perspectives*, QIII, 2001.
- Townsend, Robert M. and Kenichi Ueda. "Financial Deepening, Inequality, and Growth: A Model-Based Quantitative Evaluation." *Review of Economic Studies*, forthcoming 2005.
- Vickery, James I. "Essays in Banking and Risk Management," Ph.D. Dissertation, September 2004.

Appendix C: Research Members of Townsend Group

(Source: <http://cier.uchicago.edu>)

*The Townsend Group
National Organization for Research-NORC
The University of Chicago
1155 East 60th Street, Room 374
Chicago, IL 60637*

ADMINISTRATORS

Principal Investigator:

Robert M. Townsend -- rtownsen@uchicago.edu

Assistant Director of Population Research Center:

Kathleen Parks -- PARKS-KATHLEEN@norc.net

Administrative Assistant (NORC):

Adelle Hinojosa -- HINOJOSA-ADELLE@norc.net

Administrative Assistant:

Lenka Reznicek -- lenka@uchicago.edu

PRIMARY INVESTIGATORS

Robert M. Townsend -- rtownsen@uchicago.edu

Anna Paulson -- Anna.Paulson@chi.frb.org -- Federal Reserve Bank of Chicago

Michael Binford -- mbinford@geog.ufl.edu -- Prof. at University of Florida

Alan Kolata -- a-kolata@uchicago.edu -- Neukom Family Professor of Anthropology and of Social Sciences of the University of Chicago

Tae Jeong Lee -- taejlee@dragon.yonsei.ac.kr -- Prof. at Yonsei

POST DOCTORATE

Postdoc Researcher:

John Felkner -- john3@uchicago.edu

TECH ADMIN / SYSTEM

SRC Developer:

Wolfgang Freis -- wfreis@uchicago.edu

SRC GIS Developer:

Todd Schuble -- tschuble@uchicago.edu

SRC Manager of Technology:

Jeff Beer -- jeffb@uchicago.edu

Data Archive:

Jiaqiang Chen -- chenj@uchicago.edu

Sangeeta Sinha -- sangeets@uchicago.edu

SRC Unix System Administrator:

Mingyu Zheng – m-zheng@uchicago.edu

RESEARCH ASISTANTS

Pitsamorn Kilenthong -- pitsamorn@yahoo.com

Gabriel De Abreu Madeira -- gmadeira@uchicago.edu

Weerachart Kilenthong -- tee@uchicago.edu

Yukio Koriyama -- yukio@uchicago.edu

Esteban Puentes -- epuentes@uchicago.edu

Anan Pawasutipaisit -- apawasut@midway.uchicago.edu

Hiroyuki Yamada -- yamada@uchicago.edu

THAILAND MEMBERS

Director in Thailand:

Sombat Sakuntasathien -- sakuna@tfrcenter.org

Supervisor:

Songpon Wilairat

Ast. Supervisor (DATA):

Kriangkrai Boripan

Ast. Supervisor (Field Works):

Laddawan Kamkoa

Soil and Water Works:

Songrat Wilairat

FE. Lopburi:

Boontam Keawkun

FE. Srisaket:

Doungdeun Wichiendee

FE. Burirum:

Teerasak Wonginta

FE. Chacheongsao:

Prawicha Chaayatun

CO-AUTHORS

Chris Ahlin -- c.ahlin@vanderbilt.edu -- Prof. at Vanderbilt University

Mauro Alem -- mauroa@iadb.org -- Research at InterAmerican Development Bank

Mike Binford -- mbinford@geog.ufl.edu -- Prof. at University of Florida

John Felkner -- john3@uchicago.edu

Xavier Gine -- xgine@worldbank.org -- Associate Researcher at the World Bank

Hyeok Jeong -- hjeong@usc.edu -- Prof. at USC

Joseph Kaboski -- kaboski.1@osu.edu -- Prof. at Ohio State

Alex Karaivanov -- akaraiva@sfu.edu -- Prof. at Simon Fraser University, British Columbia

Tae Jeong Lee -- taejlee@dragon.yonsei.ac.kr -- Prof. at Yonsei University

Anna Paulson -- Anna.Paulson@chi.frb.org -- Federal Reserve Bank of Chicago

Kenichi Ueda -- KUeda@imf.org -- Researcher at IMF

James Vickery -- James.Vickery@ny.frb.org -- Federal Reserve Bank of New York

Jacob Yaron -- jacob.yaron@worldbank.org -- The World Bank